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RP-42C

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**NAVAL OCEANOGRAPHIC OFFICE
REFERENCE PUBLICATION**

**TYPICAL EXPENDABLE
BATHYTHERMOGRAPH (TXBT)
DATA BASE, INDIAN OCEAN**

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**ICAPS PROJECT
AUGUST 1982**

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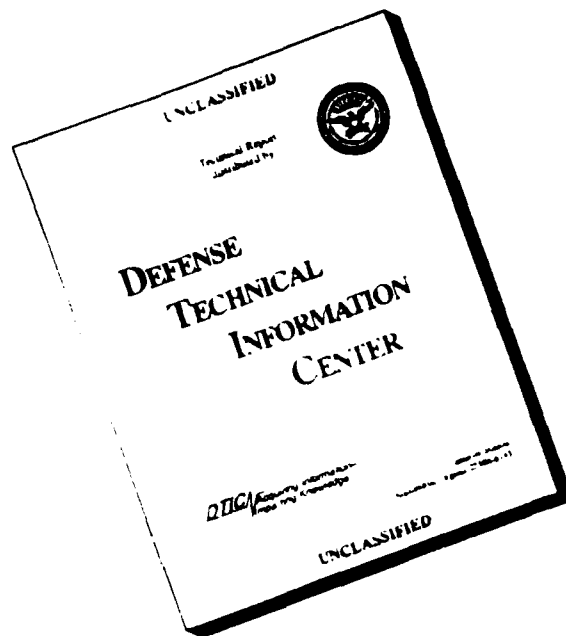
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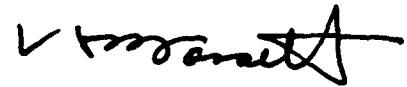
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FOREWORD

As our awareness of environmental effects on antisubmarine warfare (ASW) increases, the need to accurately and rapidly account for these effects increases. Environmental Prediction Systems like NAVOCEANO's ICAPS have proven useful in a wide variety of oceanographic and tactical situations. This publication describes a new data base designed to help characterize the thermal profile of the upper ocean in the absence of an on-scene expendable bathythermograph. This information will enlarge the resources available to the user and enhance the ASW effort.



C. H. BASSETT
Captain, U.S.N.
Commanding Officer

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) Typical Expendable Bathythermograph (XBT) profiles for the Integrated Command ASW Prediction System (ICAPS) operating areas of the Indian Ocean are presented in this document. These XBT profiles represent a new ICAPS oceanographic data base for the upper 400 meters of the ocean. The profiles were developed from extensive bathythermographic data holdings of the Naval Oceanographic Office. Corresponding oceanographic data for the Atlantic and Pacific Oceans are presented in companion publications.		

Naval Oceanographic Office Reference Publication
TYPICAL EXPENDABLE BATHYTHERMOGRAPHY (TXBT) DATA BASE, INDIAN OCEAN

ICAPS Project
August 1982

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Prepared for
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INTRODUCTION

An oceanographic data base has been established for use in the Integrated Command ASW Prediction System (ICAPS) suite of software. ICAPS is an on-scene acoustic prediction system which uses an environmental data base to produce tailored acoustic and tactical products. ICAPS was developed by the Naval Oceanographic Office (NAVOCEANO) to provide operational support to Fleet air ASW forces.

The concept of a "typical" expendable bathythermograph (TXBT) was developed to characterize the thermal profile of the upper ocean for a specified area in the absence of an on-scene XBT. While the ICAPS historical data base fairly accurately represents deep oceanographic conditions, the oceans are more variable near the surface with large temporal and spatial fluctuations. These conditions are not well represented by the average data profiles of the ICAPS data base. In actuality, the ICAPS program is designed to use historical data to represent the deep thermal profile merged with an on-scene XBT to depict the ocean temperature conditions from ocean surface to bottom. The historic data are a seasonal average of ocean station data grouped by water mass and geographical areas (Fig. 1), and only provide a gross representation of the near-surface thermal structure (0-300 meters).

The TXBT concept was developed as a better alternative to using the ICAPS historical data or other climatological profiles to represent upper ocean conditions. The TXBT is a real XBT (with all features intact) that is statistically close to the mean conditions in a specified area. TXBTs are selected for specific groups of XBT profiles which are delineated by a specific water mass, ICAPS subarea and month. These selected TXBTs are stored in the system, to be automatically retrieved when no on-scene XBT data are available. As with the on-scene XBT, the TXBT will be merged with historical data to create a total surface-to-bottom temperature profile.

This report is a companion volume to Naval Oceanographic Office Reference Publication 32, "ICAPS Oceanographic Data." TXBTs are presented for each ICAPS water mass and month as temperature-depth graphs. The temperature-depth pairs used to create the graphs are presented in appendix A.

TXBT PROFILE GRAPHICS

The TXBTs are monthly, with three months shown on the same graph by the following scheme:

The first month is a solid line,
the second month is a dashed line, and
the third month is a chain-dotted line.

The names of the months corresponding to the three curves appear at the bottom of each graph, and each set of graphs is labeled at the top with water mass name and subarea.

DATA BASE PREPARATION

The selection process is essentially a statistical ranking scheme. The UNIVAC 1108 computer was used to access the NAVOCEANO XBT files (representing

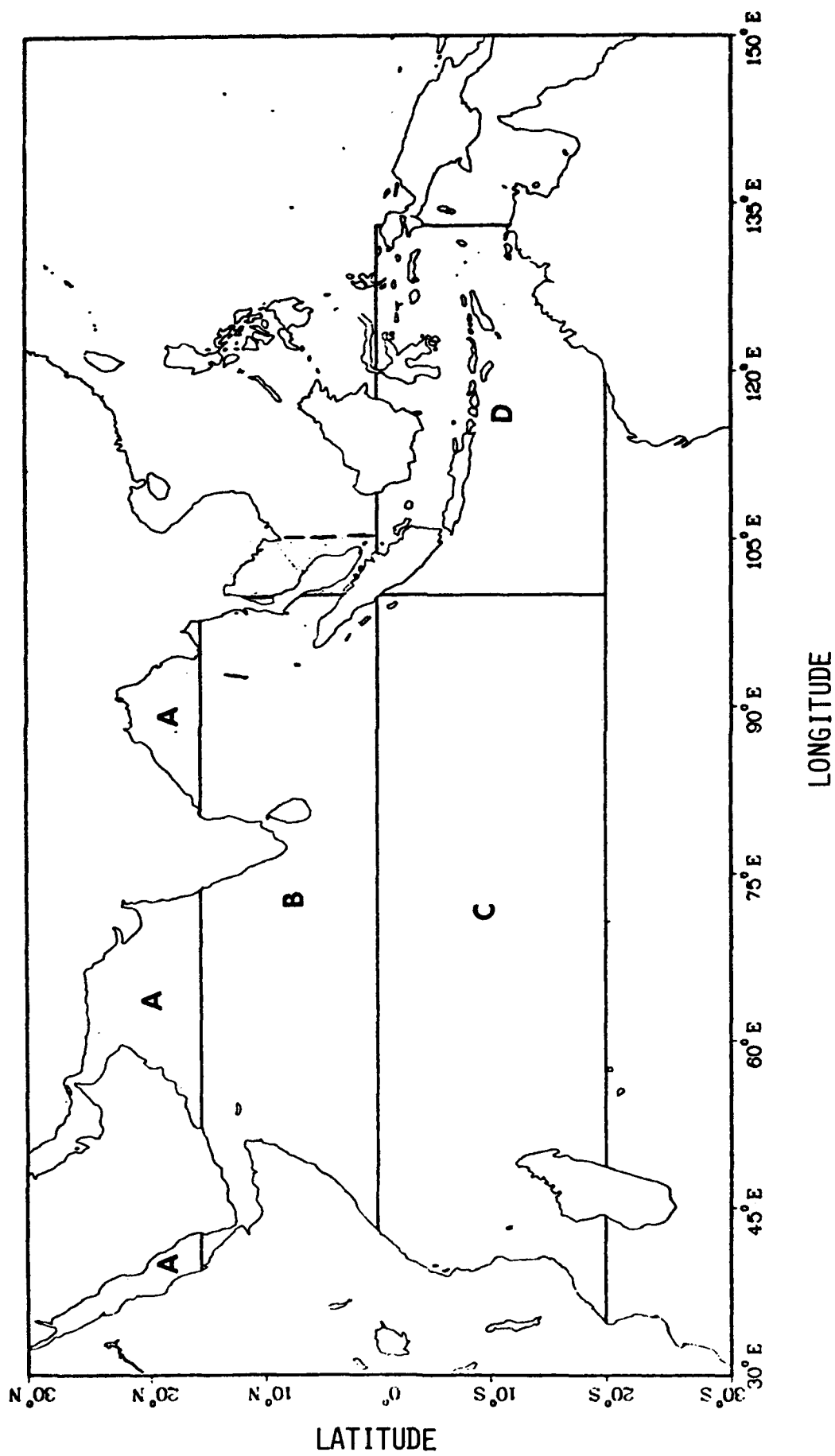


Figure 1. Indian Ocean Locator Chart

approximately 300,000 XBTs) and to select a few statistically representative profiles. Eleven parameters were used to characterize each profile. The TXBT selection program used these parameters to calculate mean statistics for all XBTs in a given water mass, ICAPS subarea, and month. The program then compared each XBT to these statistics to select the real XBTs that most closely represented the mean conditions. These representative profiles were reviewed by oceanographers with knowledge of the area involved. A TXBT was selected from the choices available on the basis of a number of factors, including monthly continuity and areal consistency. If none of the choices were suitable, no TXBT was selected for that water mass for that particular month. Further details of the selection process have been separately documented.

RECOMMENDED USES FOR TXBT

The primary reason for having the TXBT option is to characterize the thermal profile of the upper ocean in the absence of an on-scene XBT. The TXBT affords the operator other capabilities.

The TXBT will be useful for quality control. It may be compared against on-scene XBTs to help the operator recognize errors due to XBT malfunctions or coding errors.

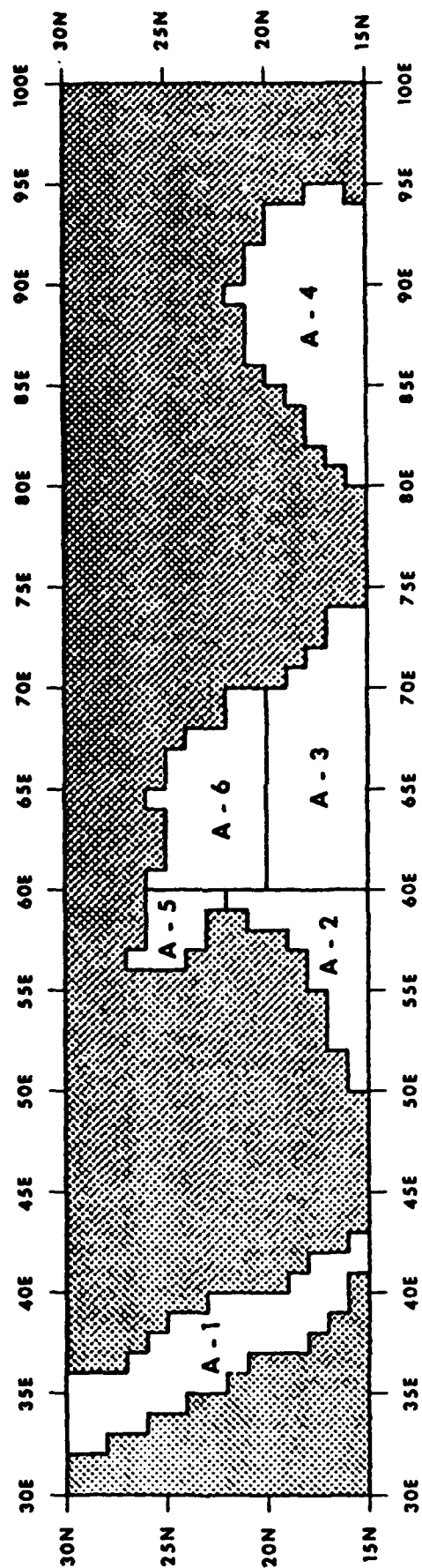
The TXBT can be used for mission planning. It has always been possible to incorporate probable oceanographic conditions into mission planning using the ICAPS historical atlas profiles. The TXBT will make this type of planning more effective. Sonic layer depth can be more reliably predicted using the TXBT since the near-surface data are not smoothed out by averaging as are the profiles in the regular ICAPS historical atlas. Comparison of TXBTs will also make it possible to identify areas of high variability. The TXBT provides a factor to be taken into account when planning optimum track ship routing.

Additional uses of the TXBT will come to light as the Fleet user becomes more familiar with this new ICAPS oceanographic product.

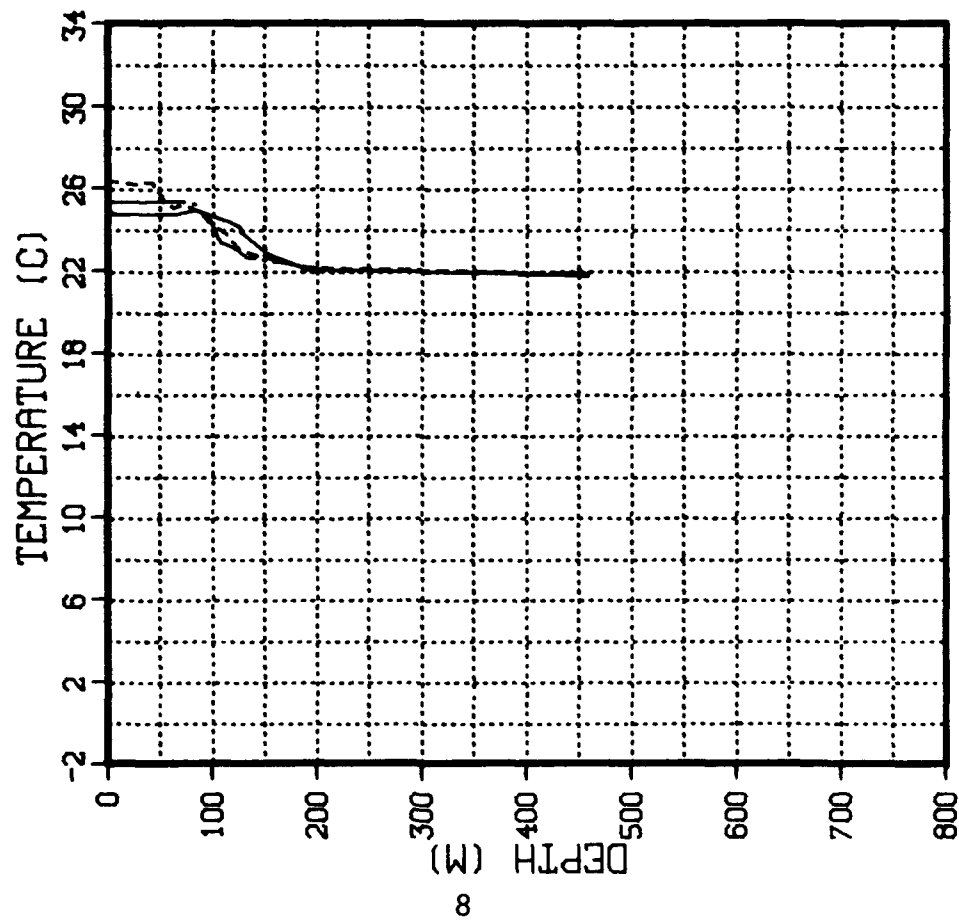
INDIAN AREA A

<u>Region</u>	<u>Water Mass Name</u>	<u>T200 (° C)</u>		<u>DT (° C)</u>		<u>Position</u>
		Min	Max	Min	Max	
A1	RED SEA	19	26			1
A2	YEMEN COOL	12	16			1
	YEMEN WARM	16	21			2
A3	ARABIAN	12	19			1
A4	N. INDIAN COLD	11	15			1
	N. INDIAN WARM	15	20			2
A5	GULF OF OMAN	16	22			1
A6	PAKISTAN I	15	22			1

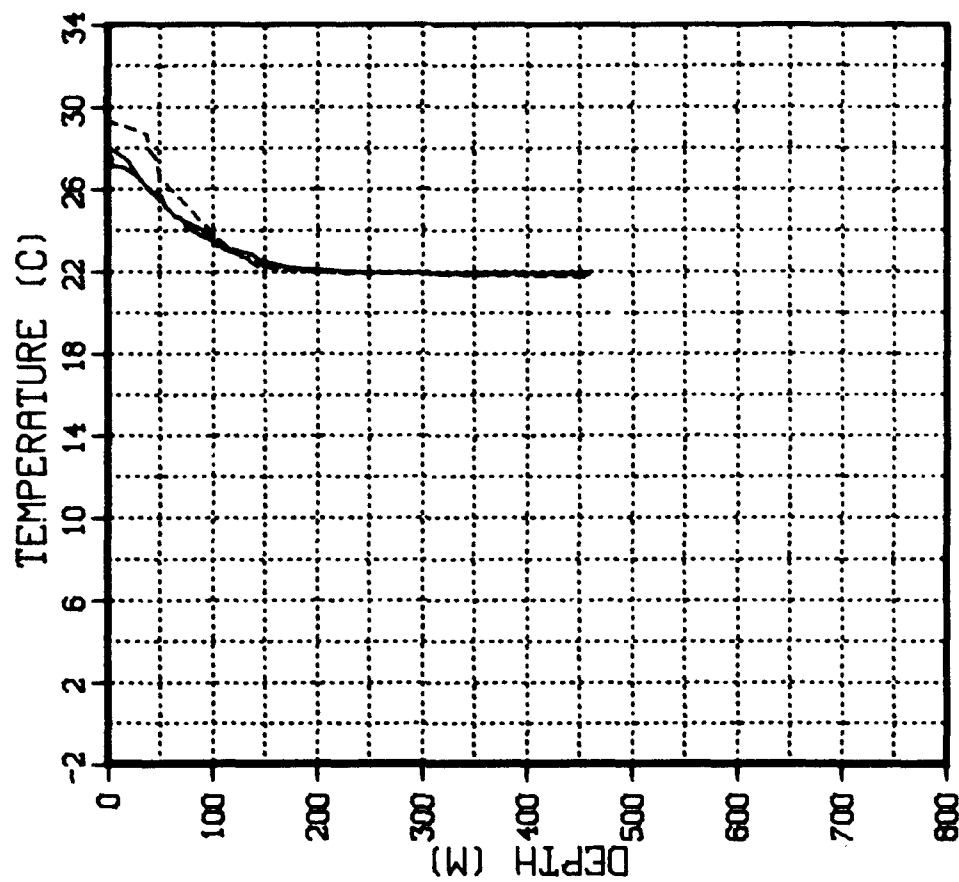
INDIAN AREA A



RED SEA A 1

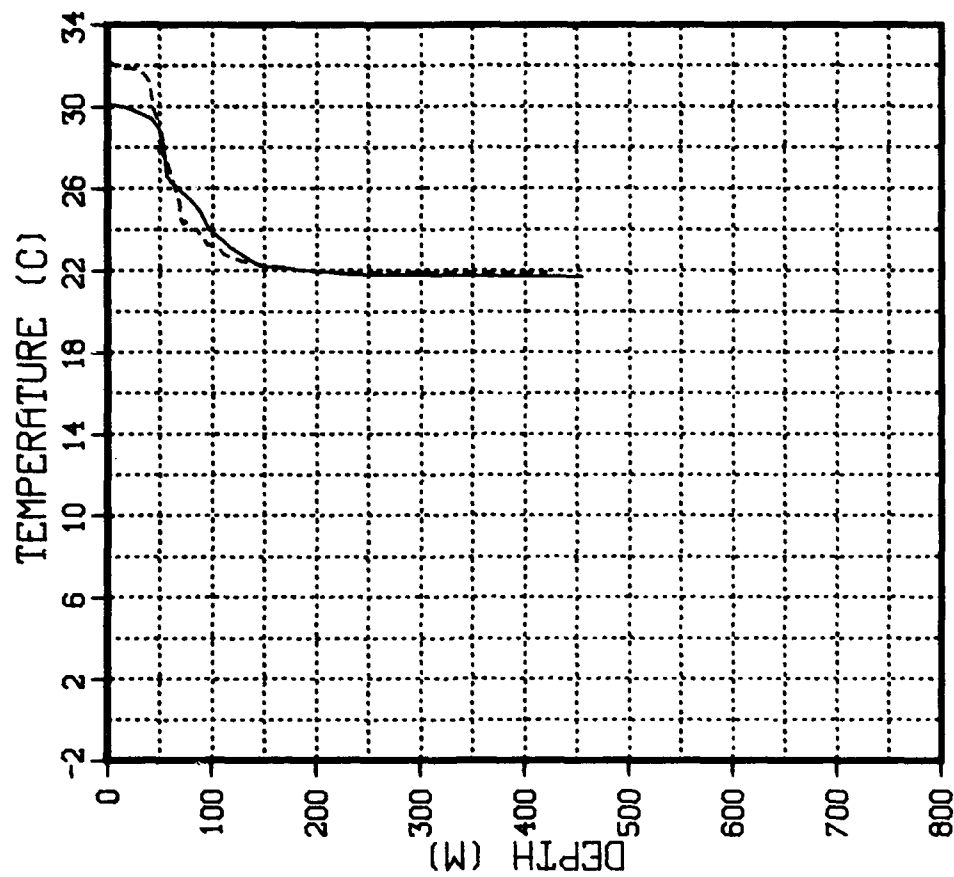


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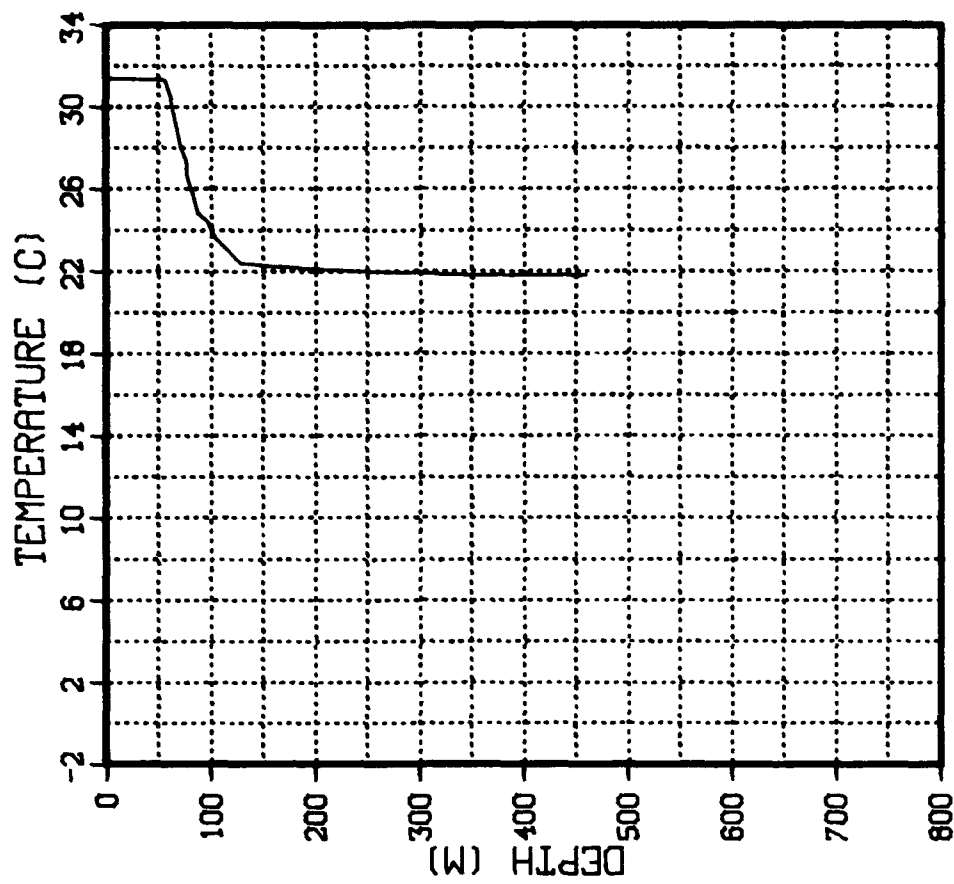


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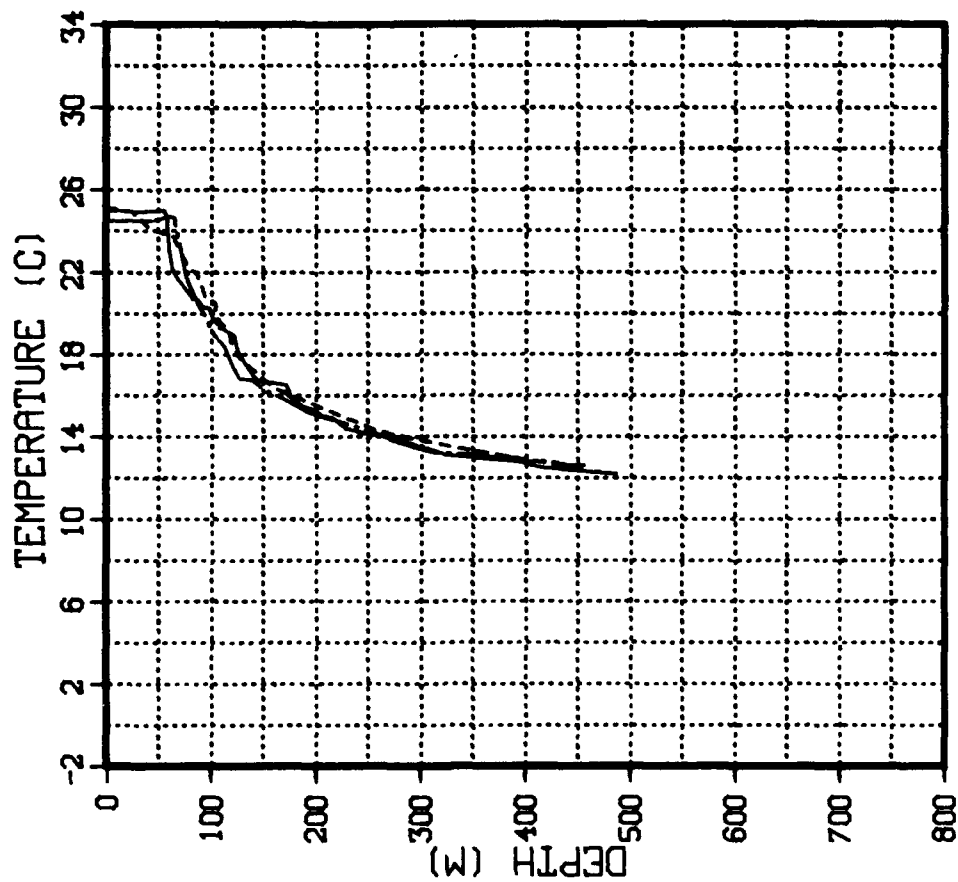


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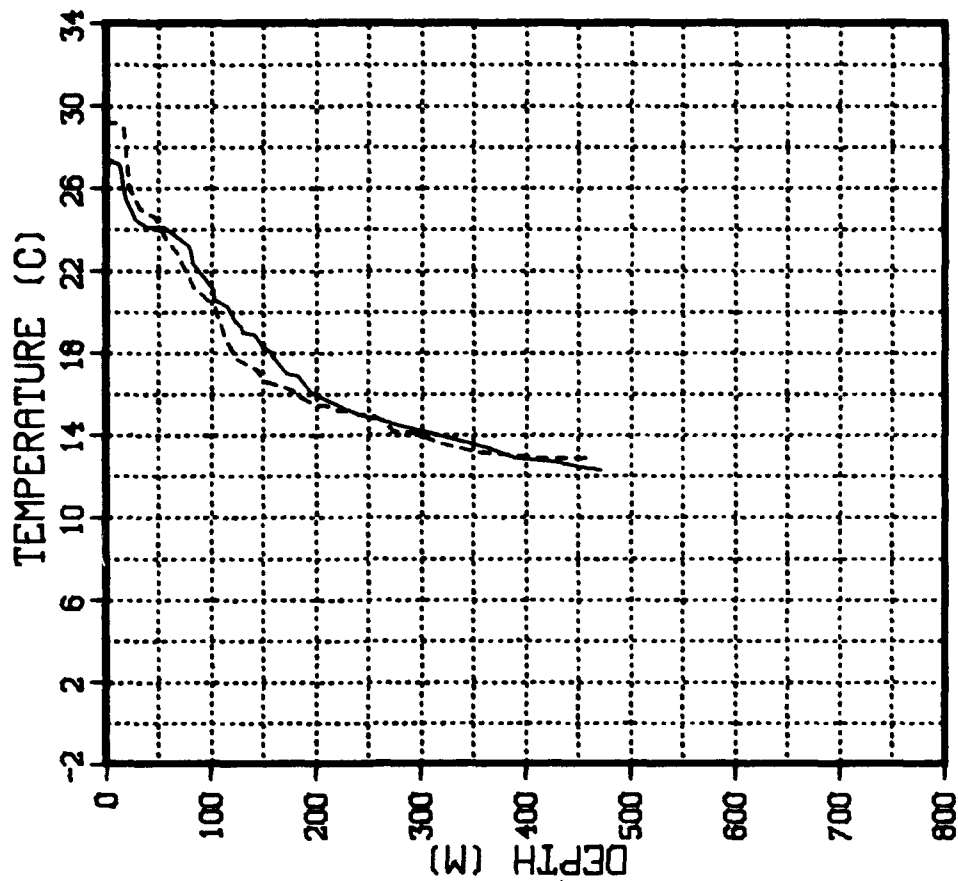


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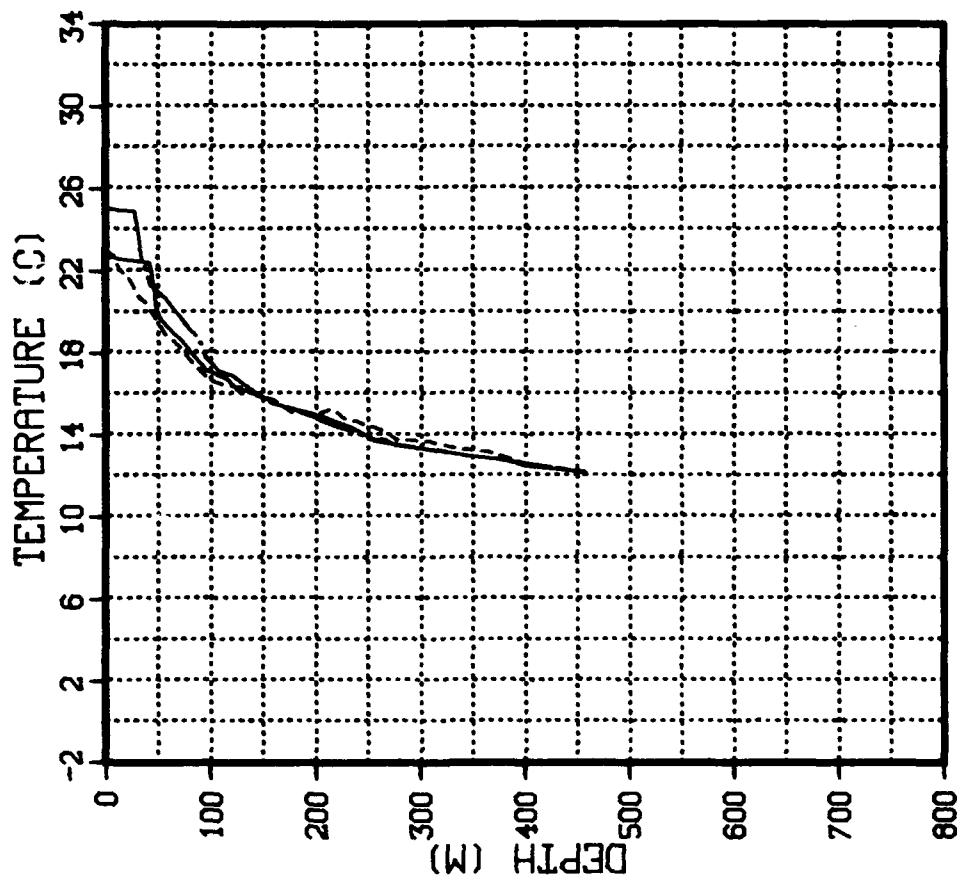


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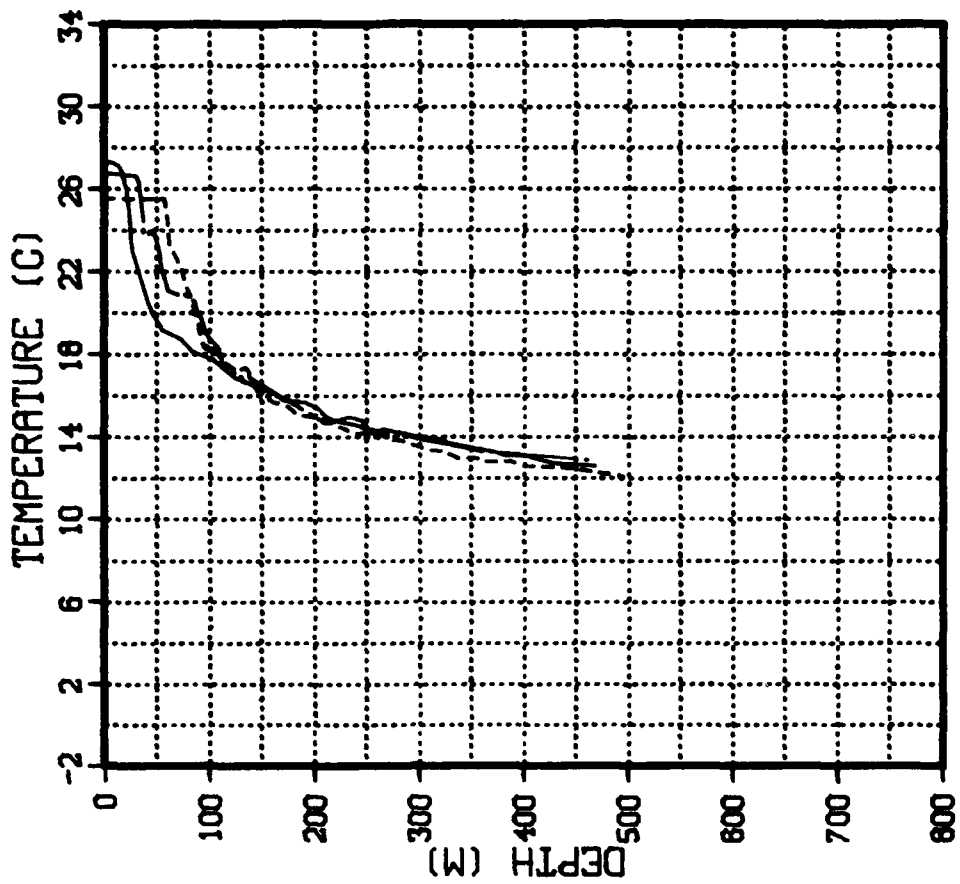


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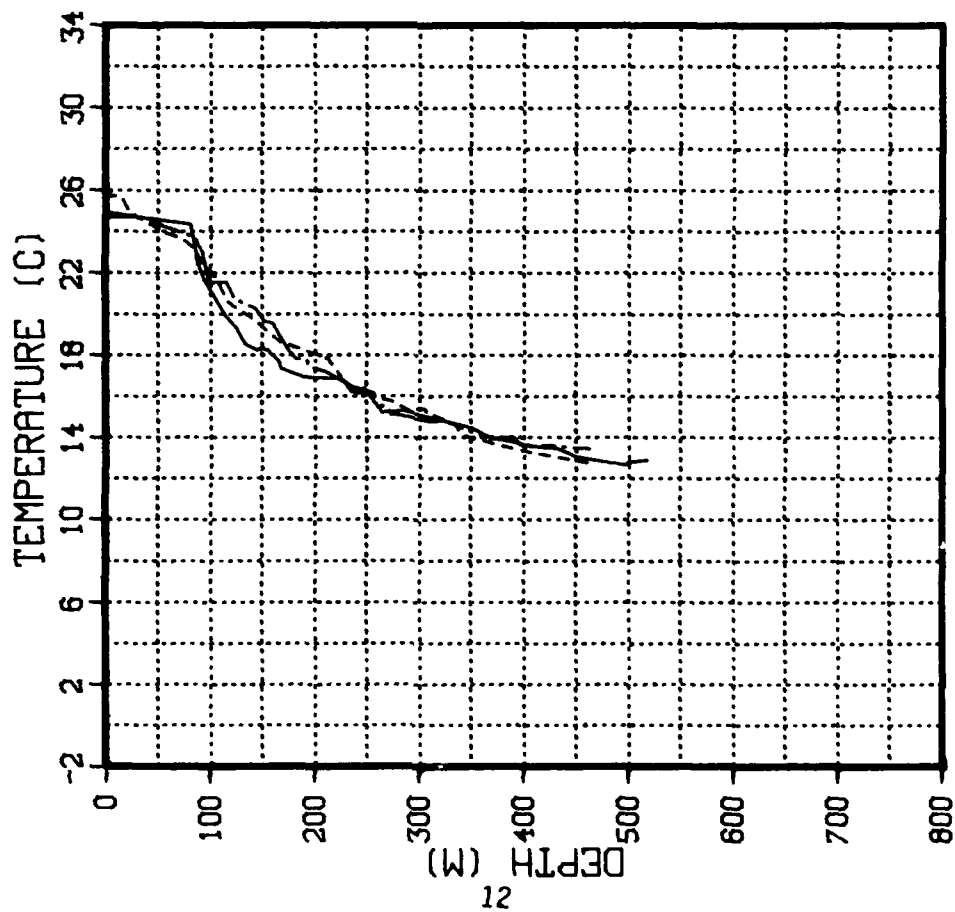


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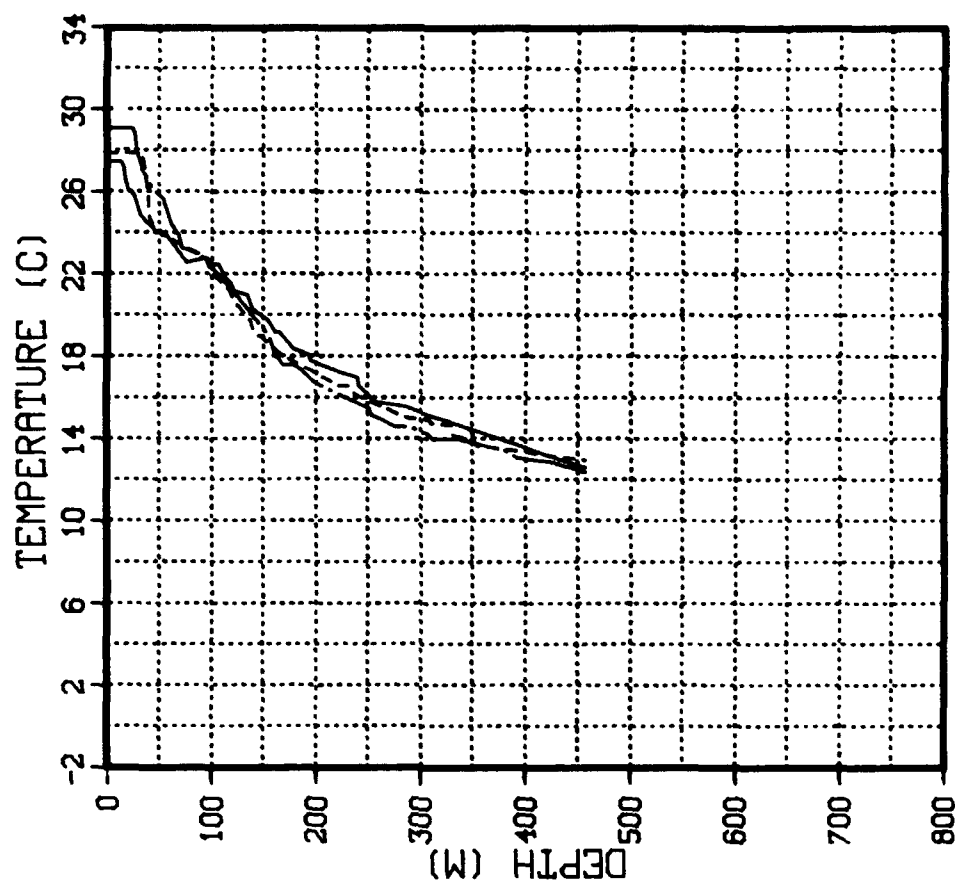


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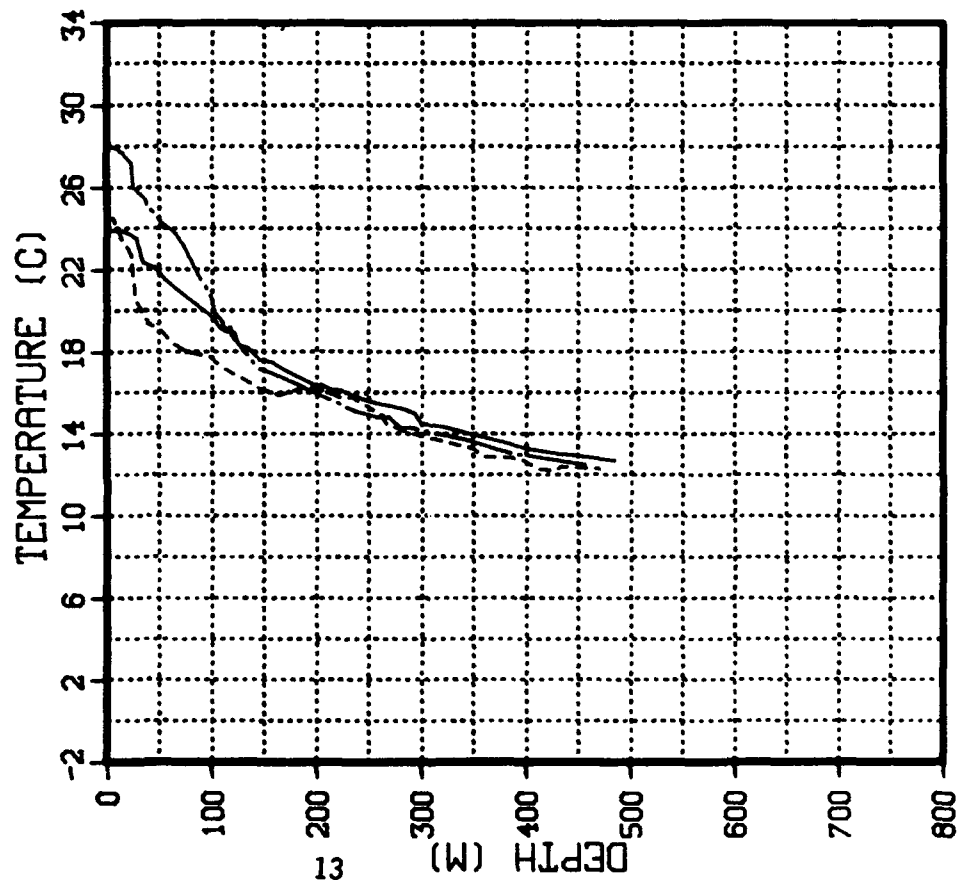


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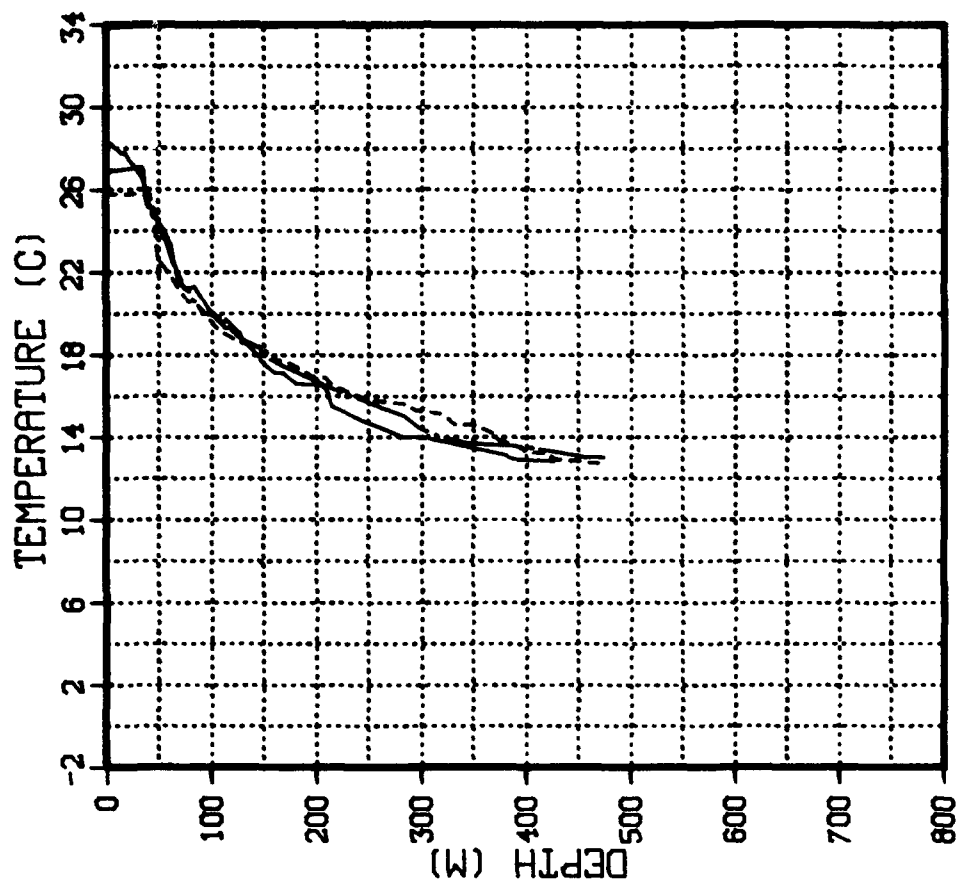


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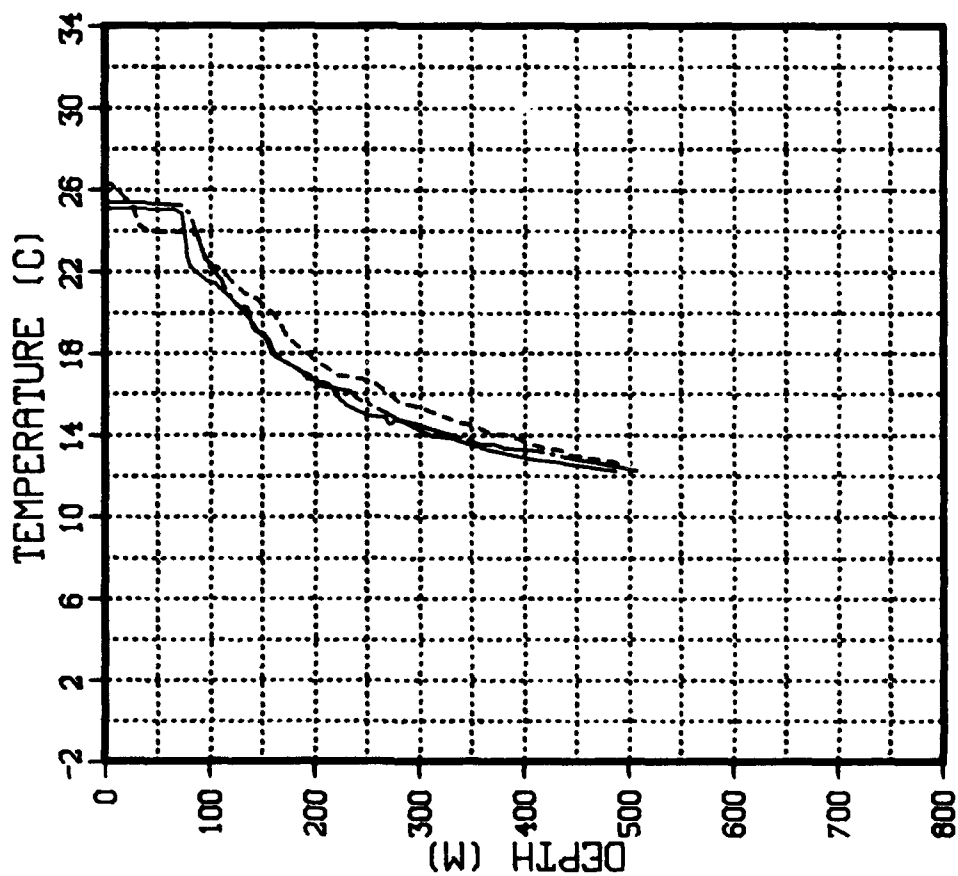


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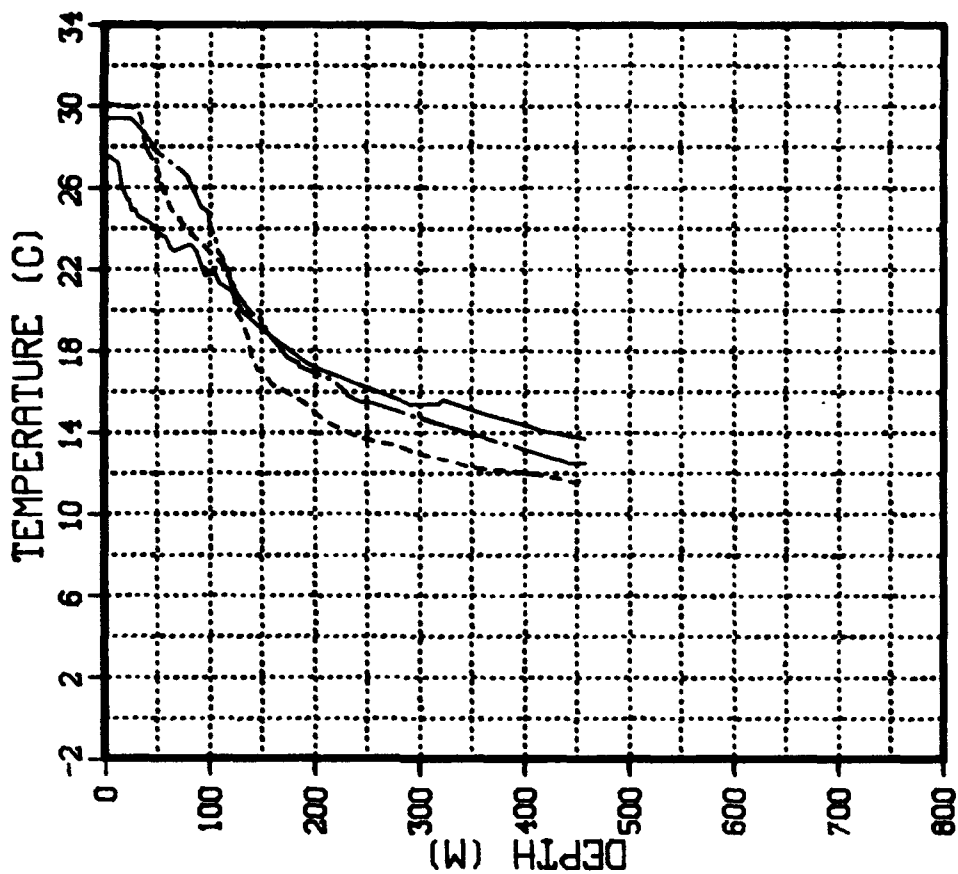


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ARABIAN A 3

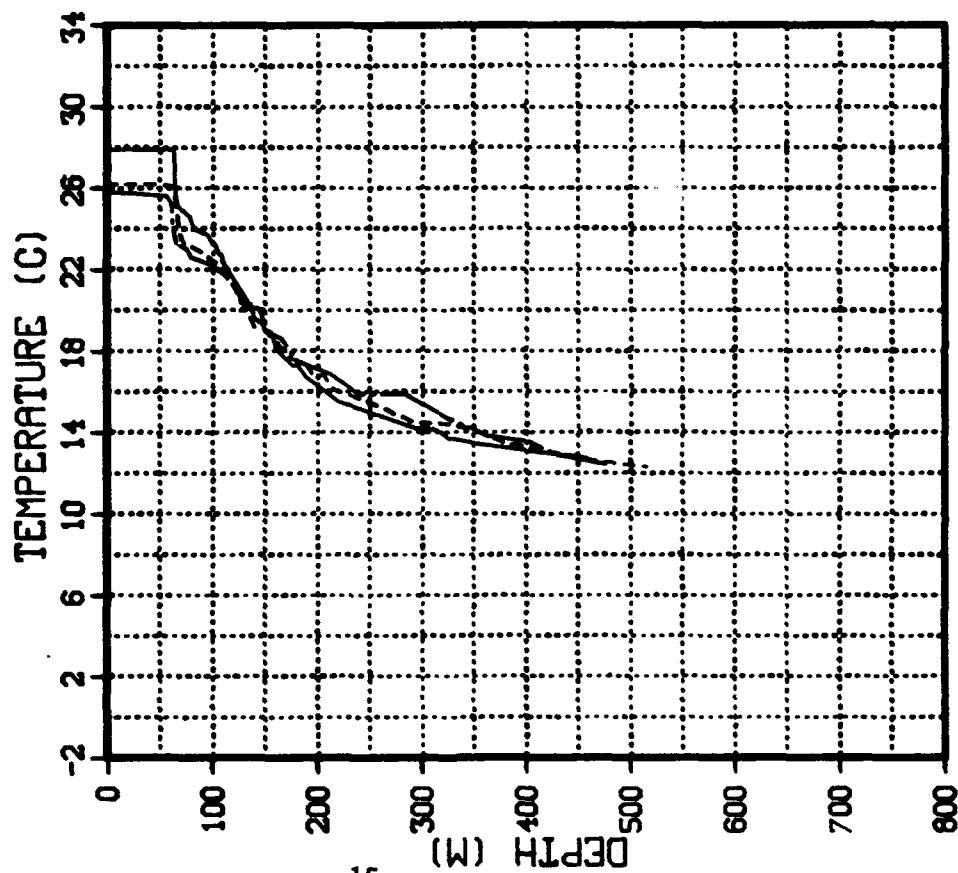


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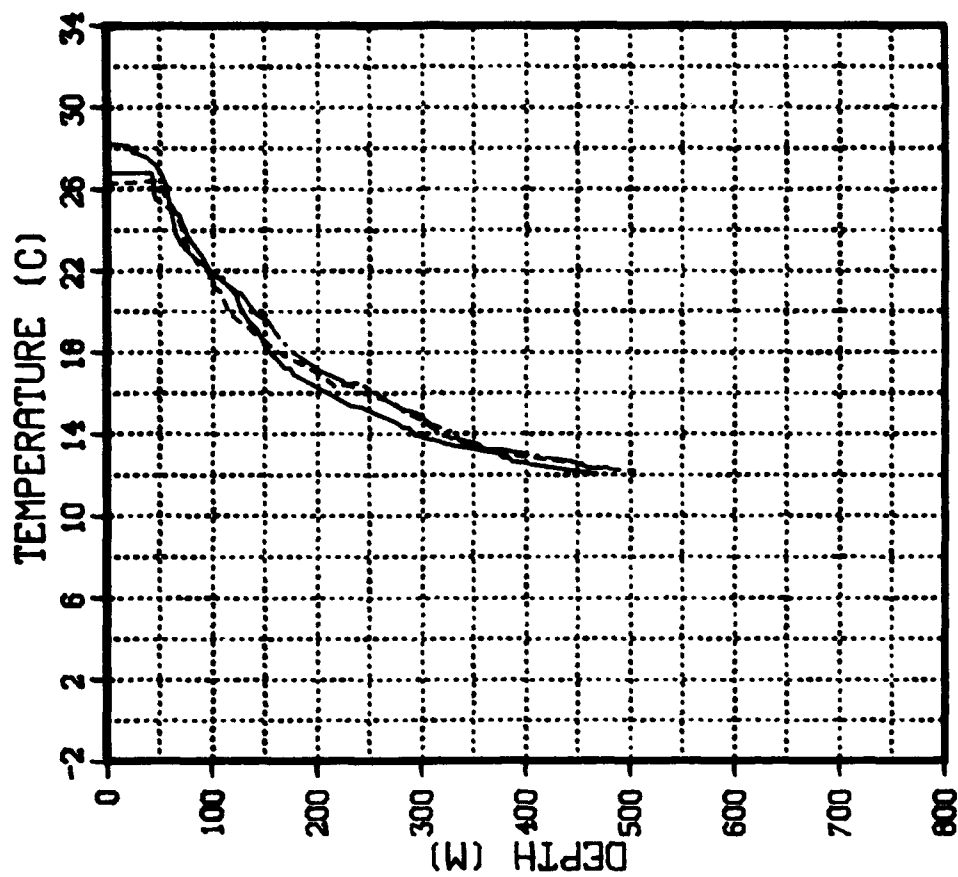


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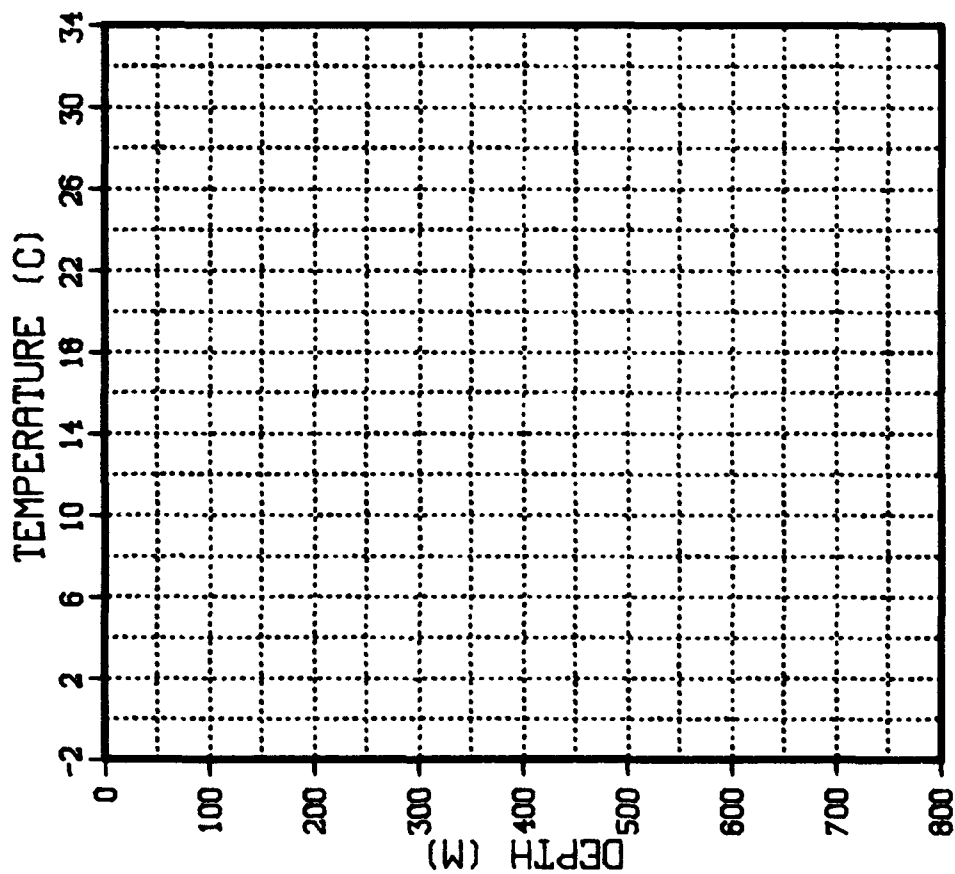


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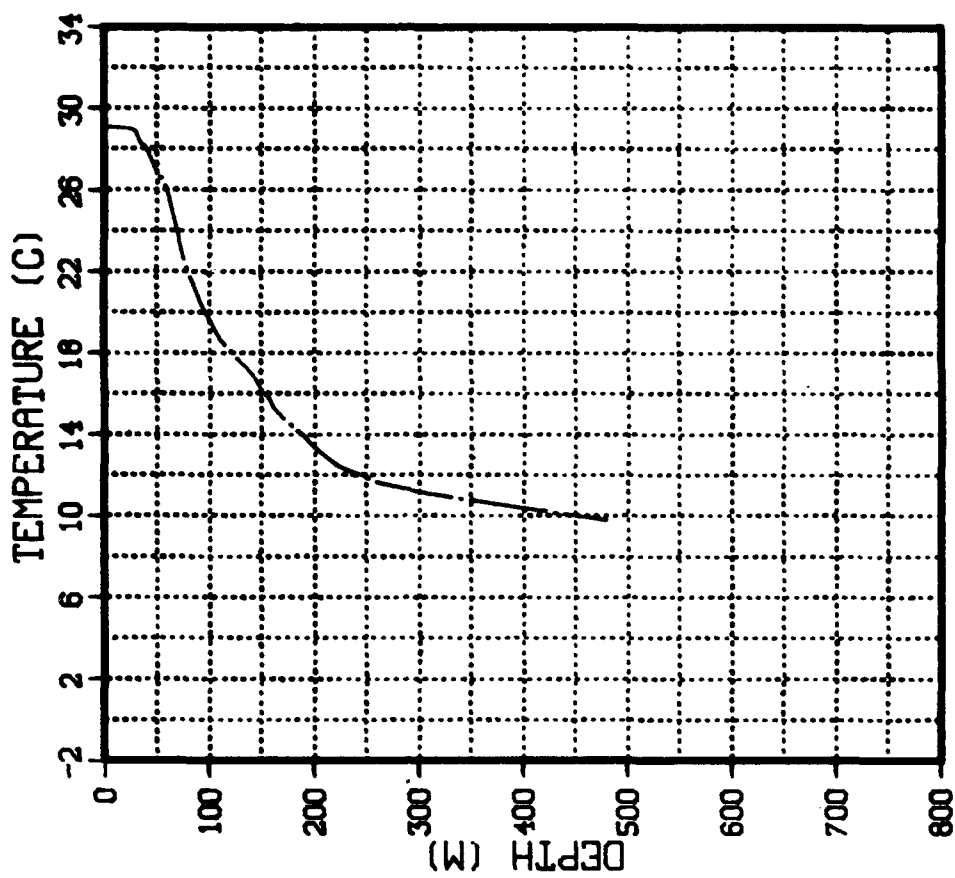


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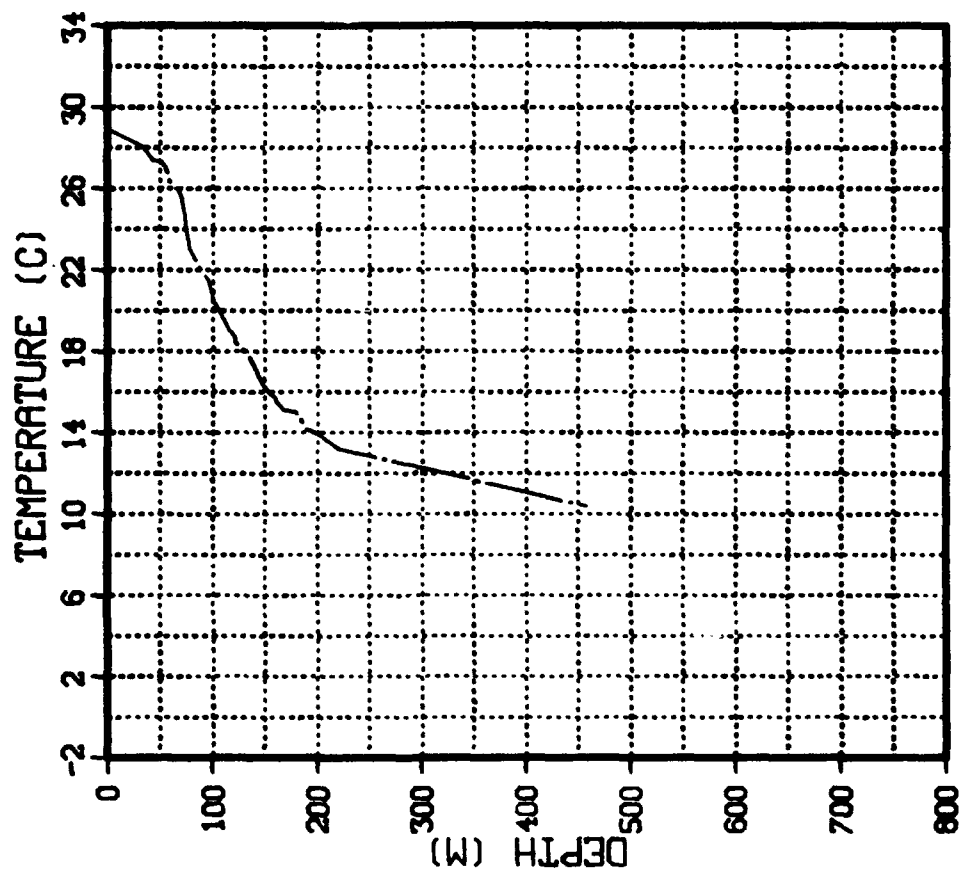


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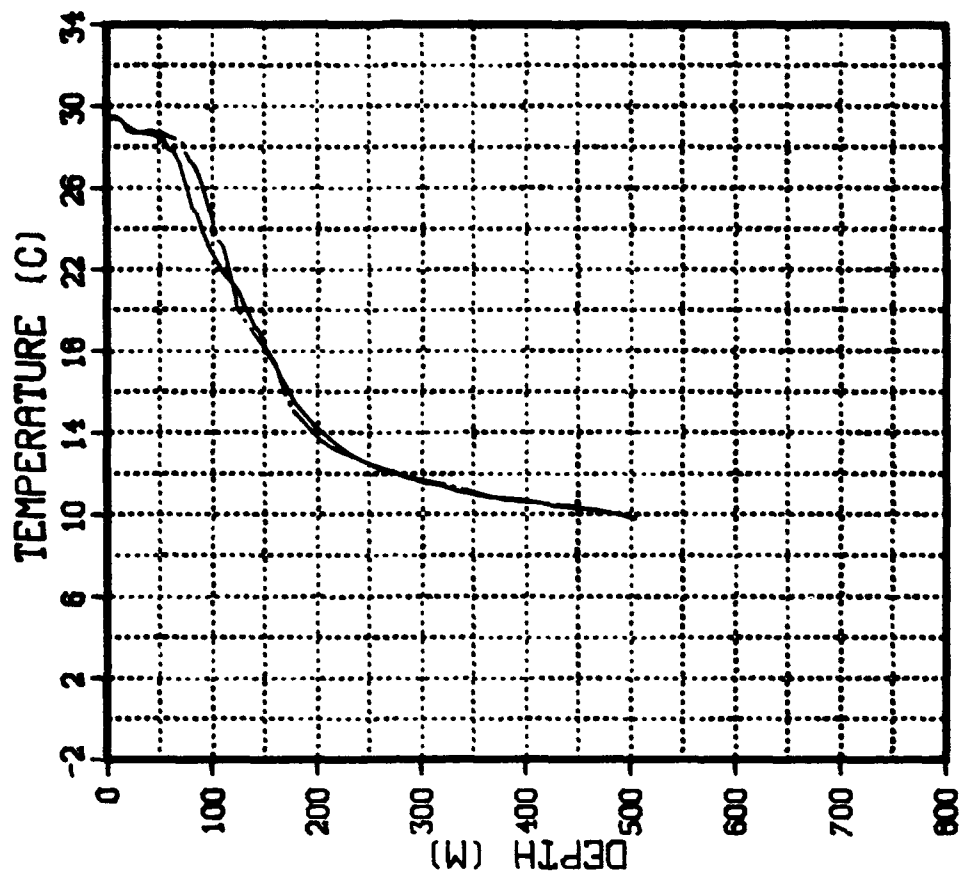


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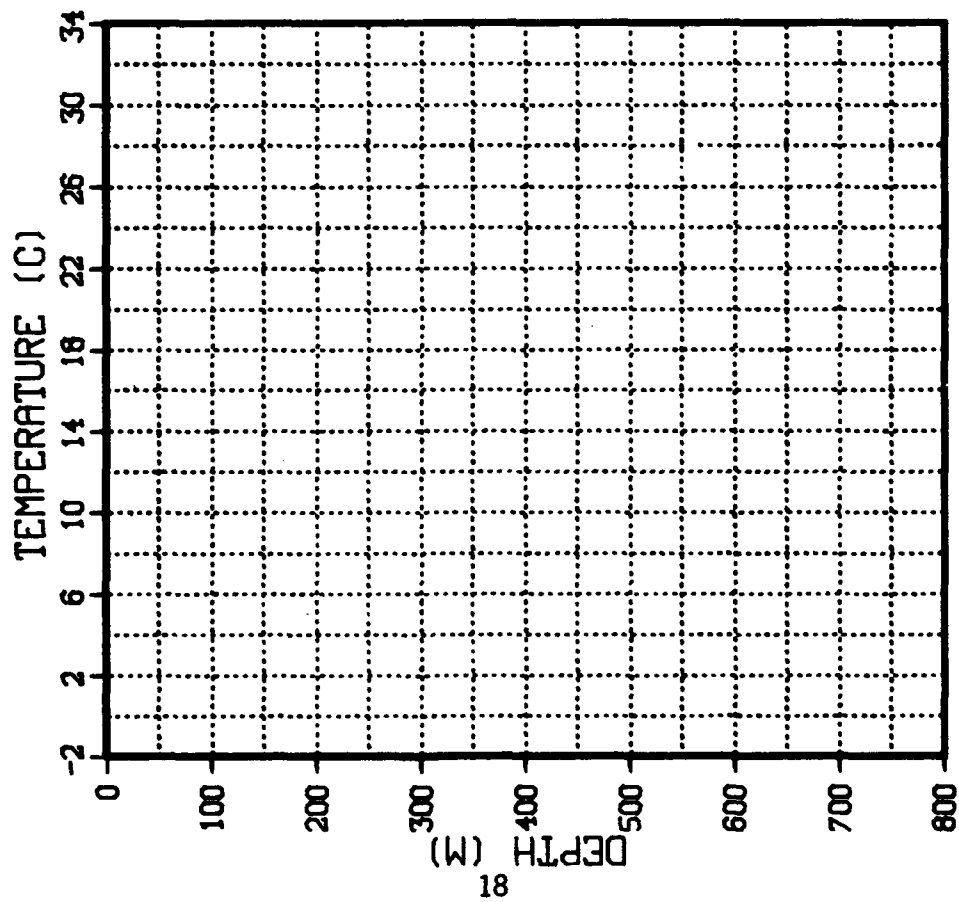


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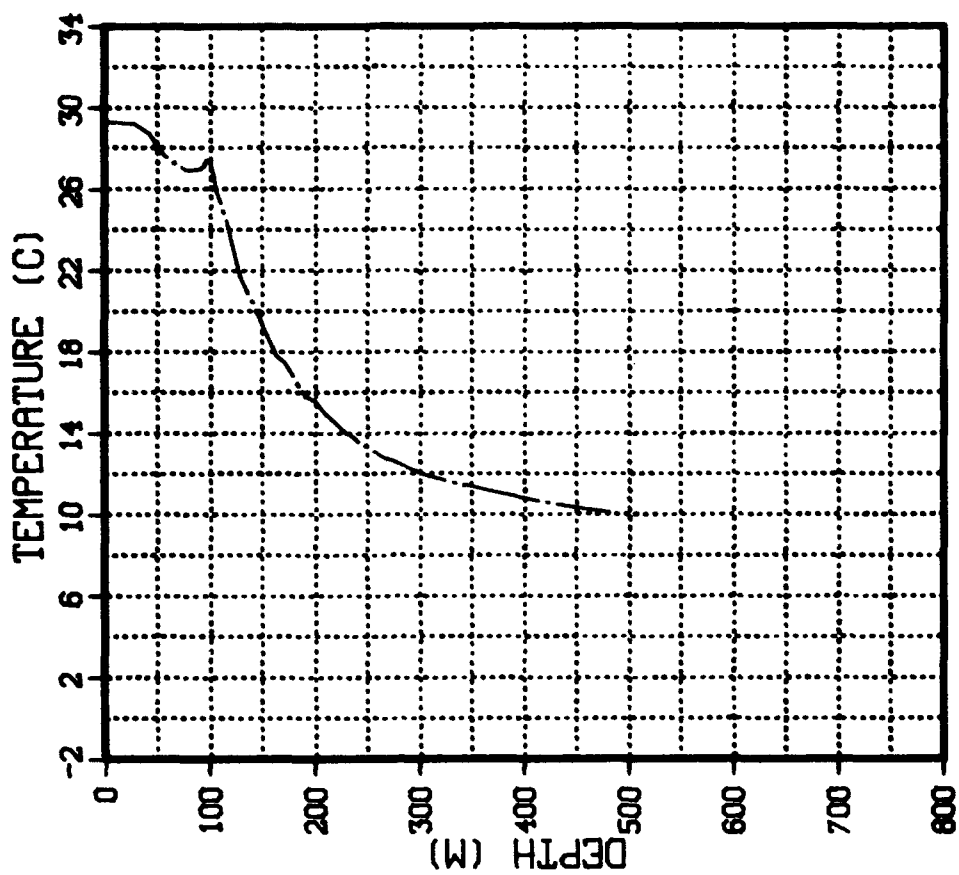


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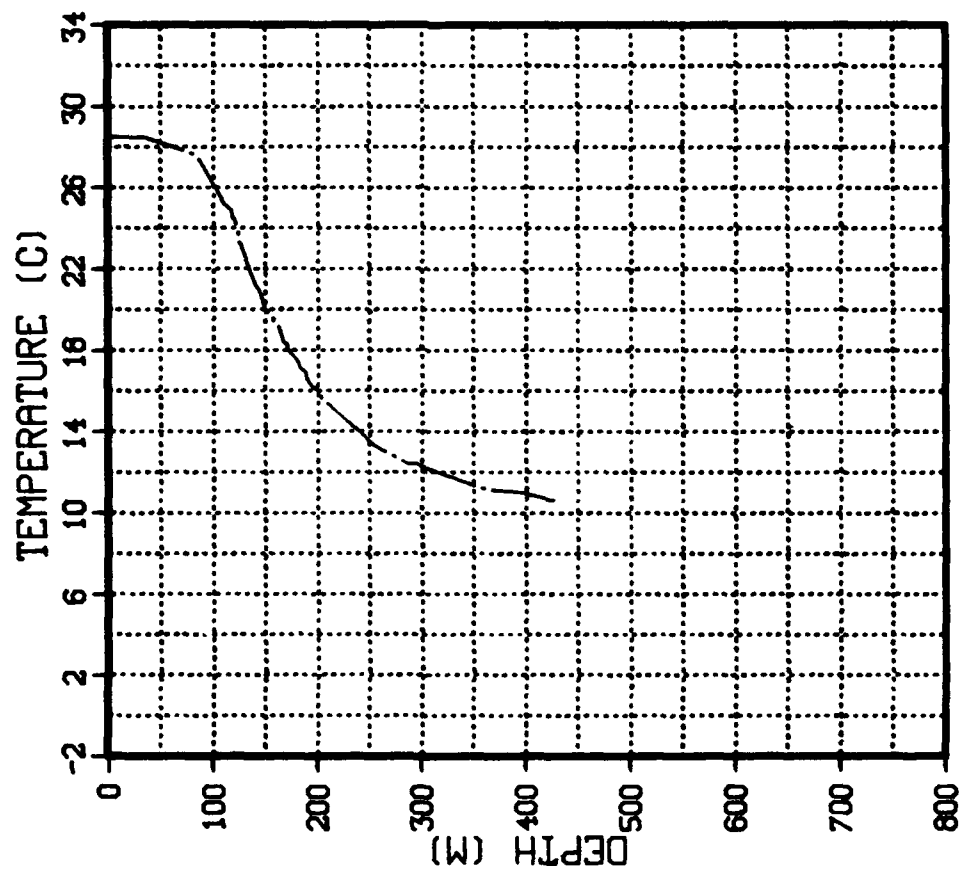


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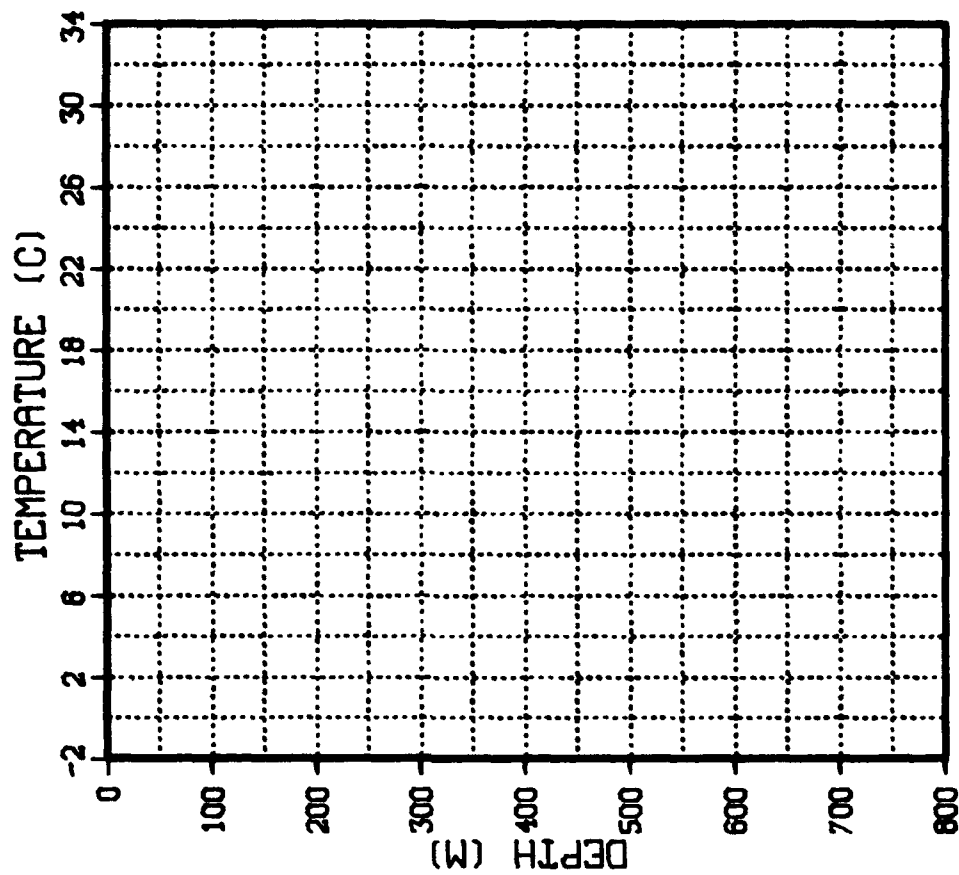


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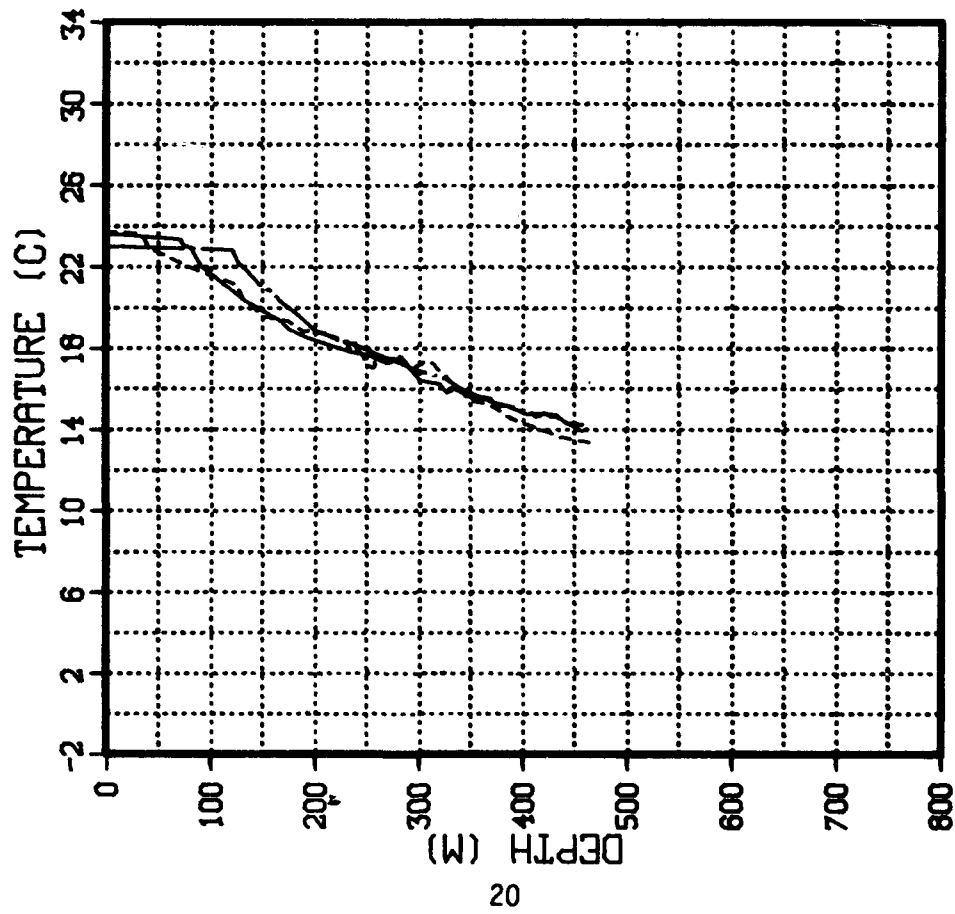


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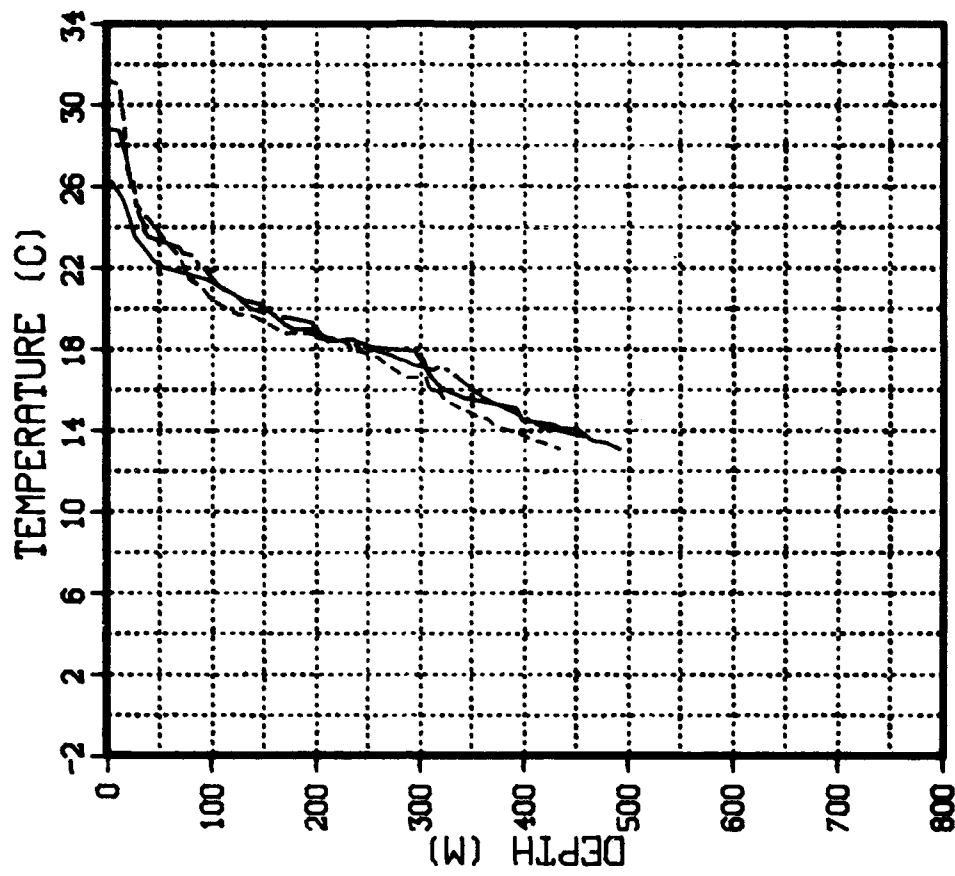


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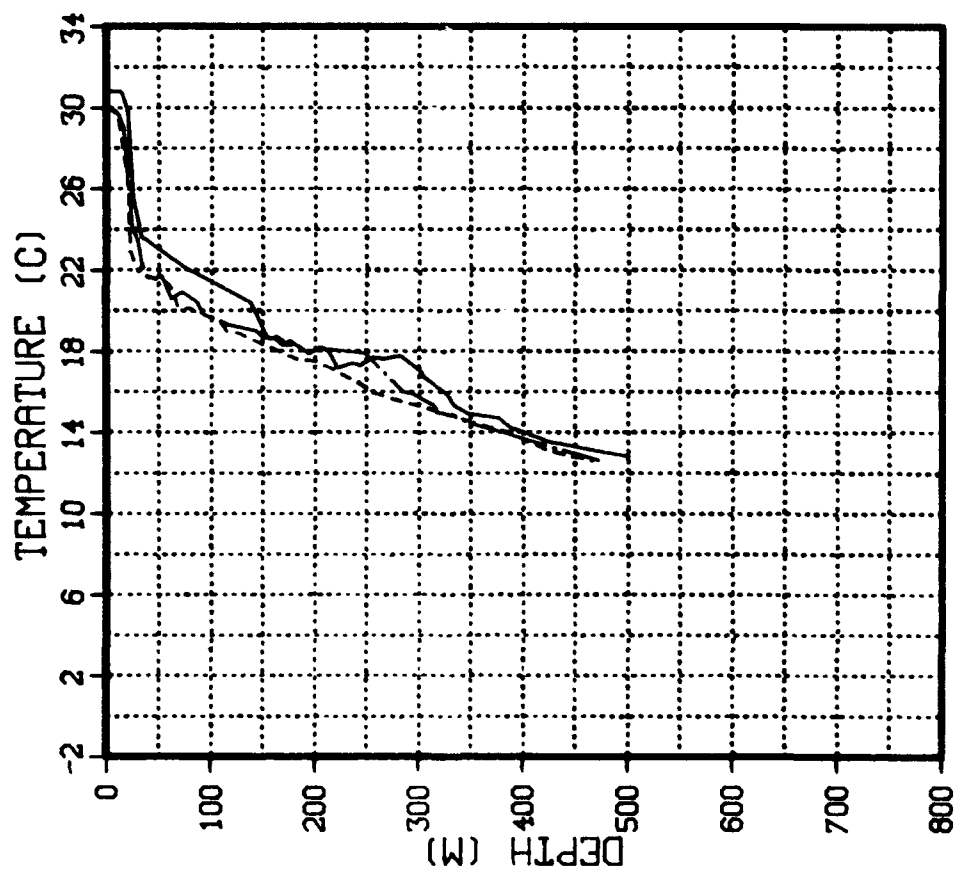


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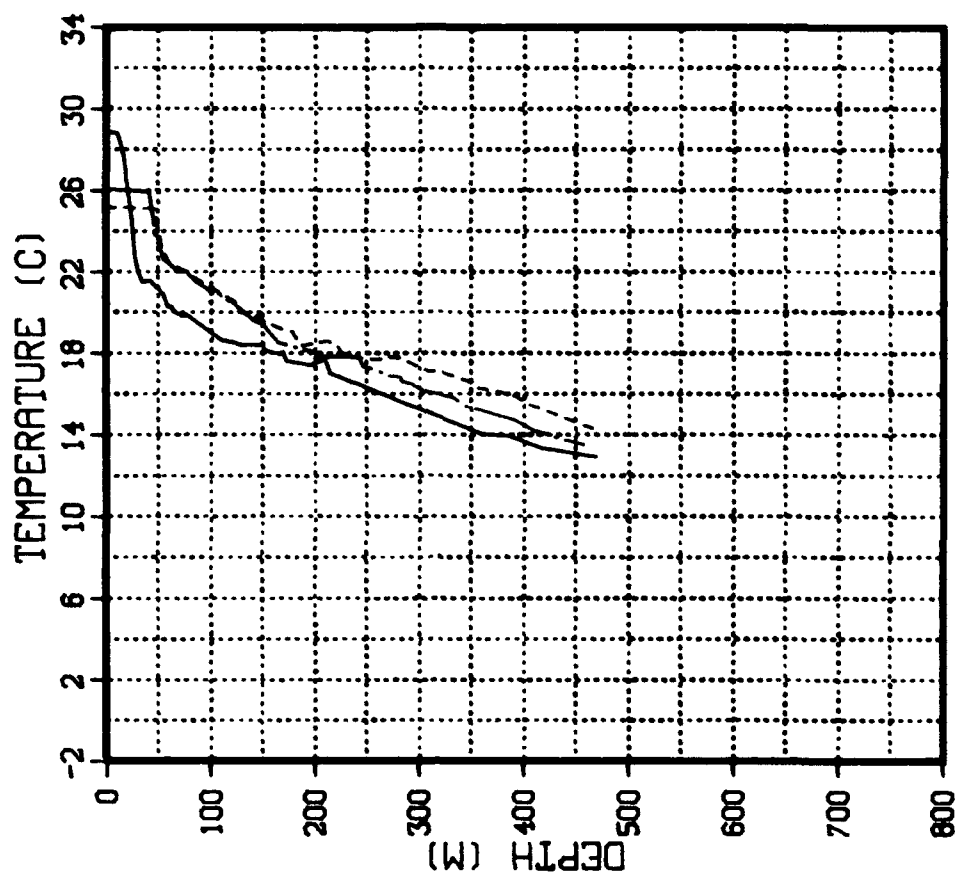


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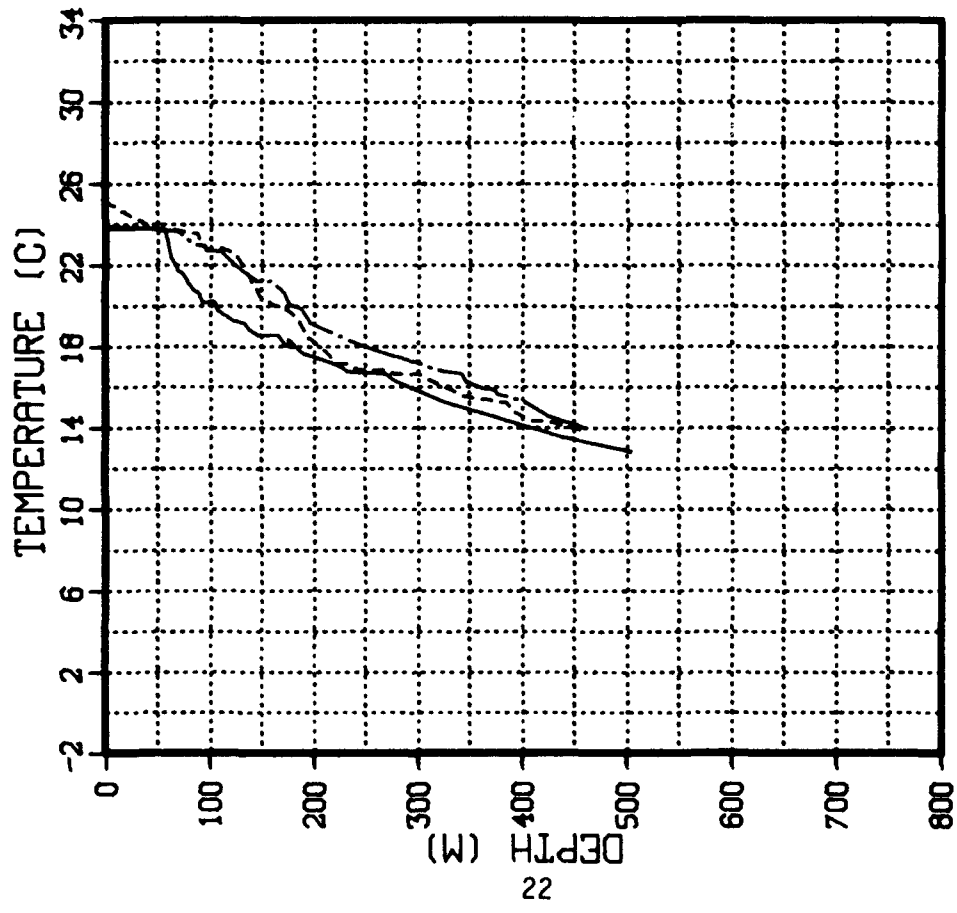


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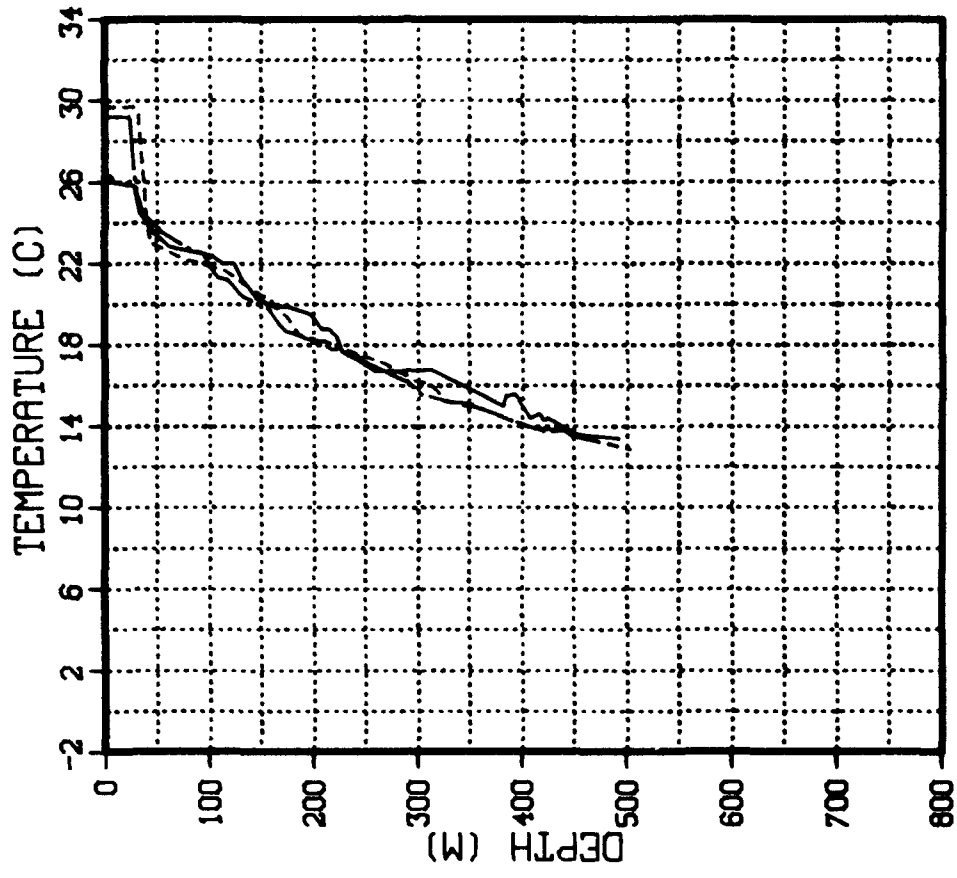


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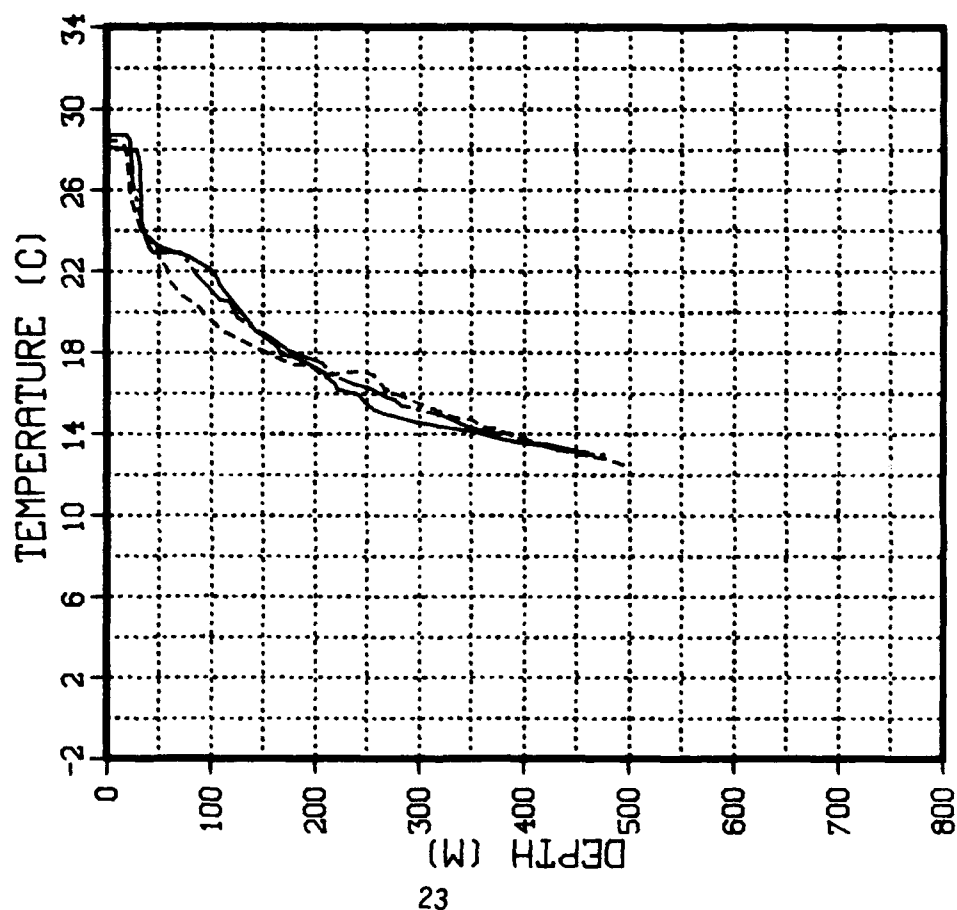


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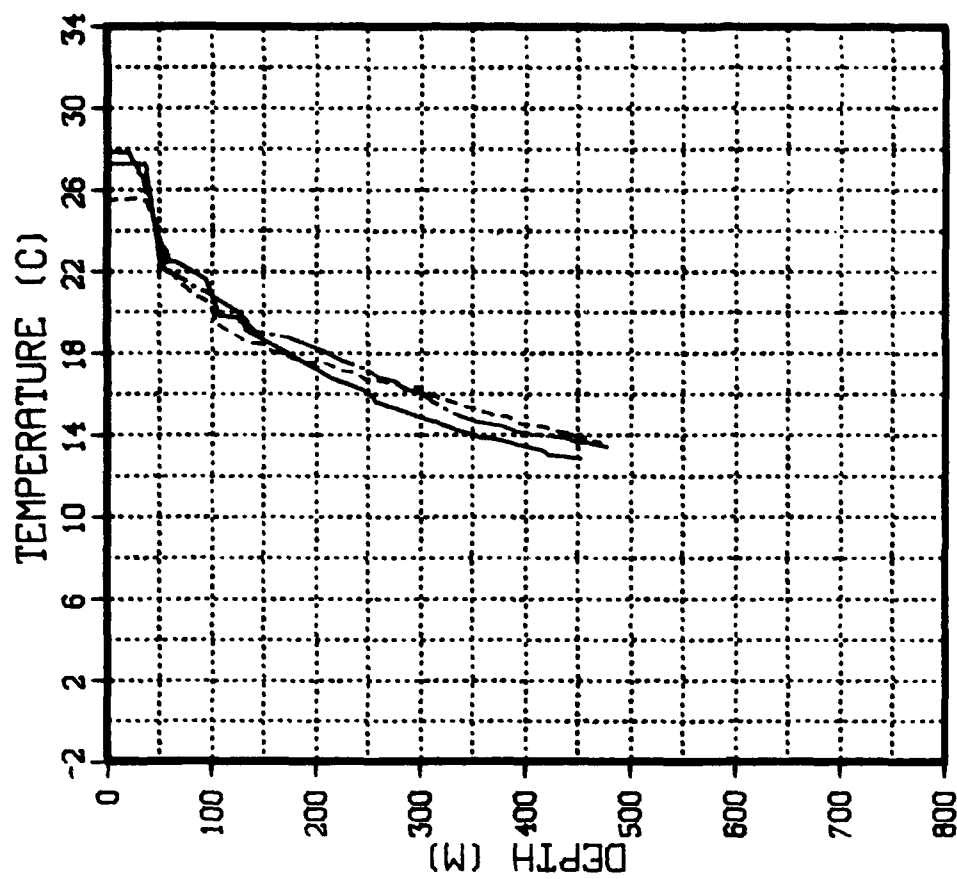


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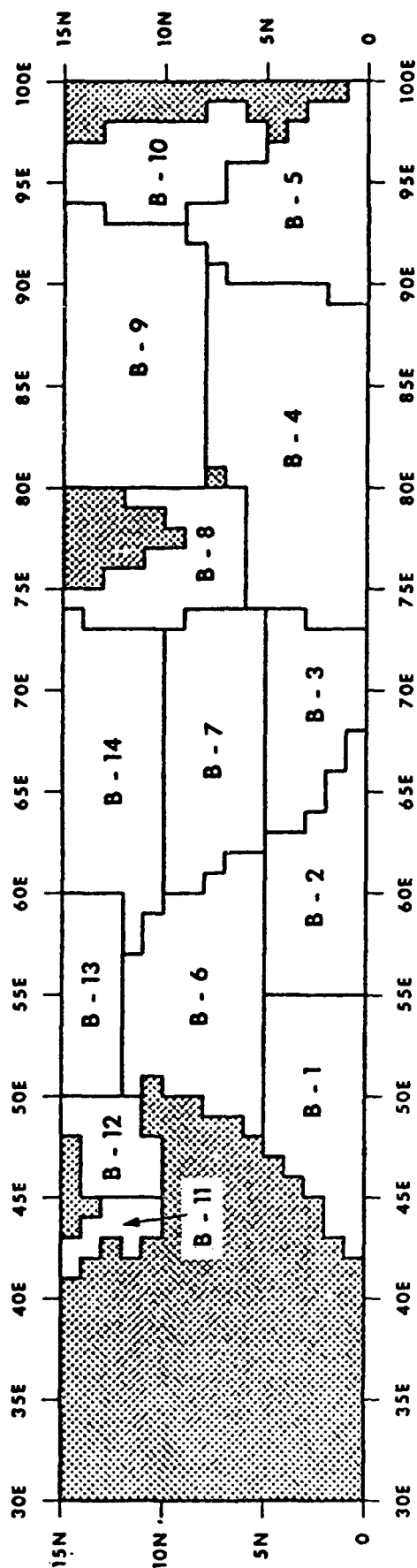


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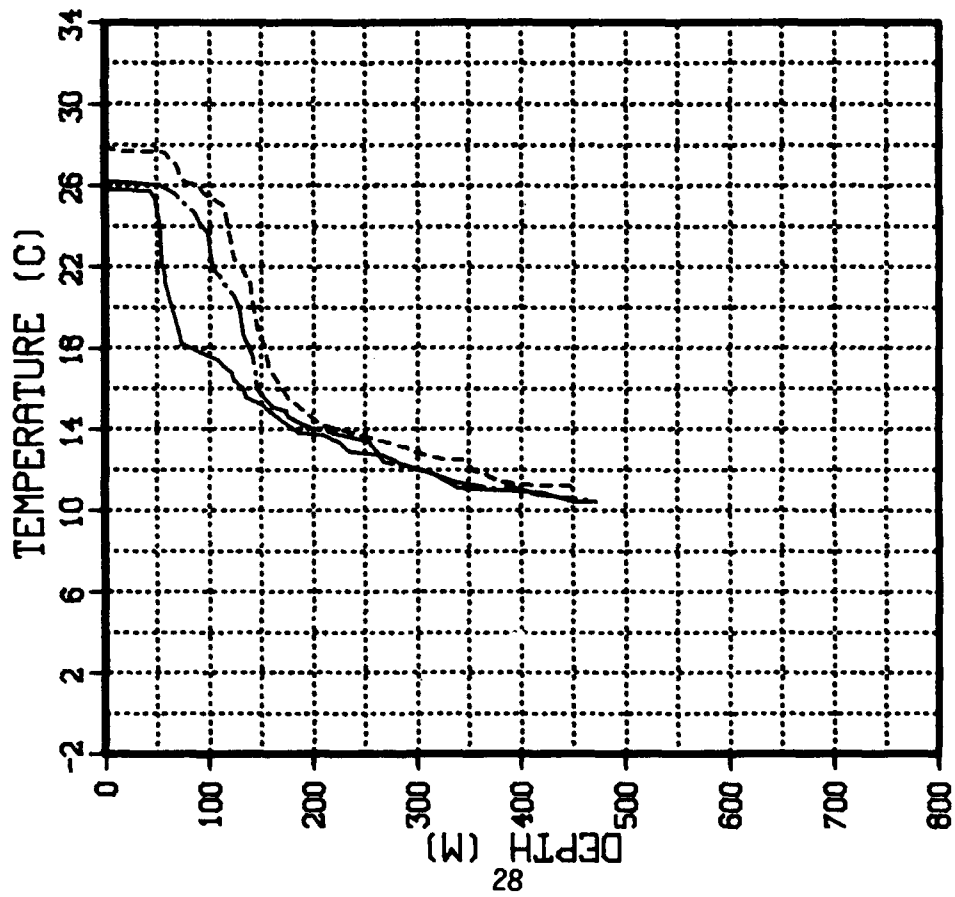
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		<u>Min</u>	<u>Max</u>	<u>Min</u>	<u>Max</u>	
B1	N.W. SOMALI COOL	12	16			1
	N.W. SOMALI WARM	16	22			2
B2	N.W. SOMALI	12	18			1
B3	ARABIAN	12	18			1
B4	MID-INDIAN COLD	10	14.5			1
	MID-INDIAN WARM	14.5	19			2
B5	EAST INDIAN	10	17			1
B6	N. SOMALI COOL	12	16			1
	N. SOMALI WARM	16	22			2
B7	ARABIAN	13	19			1
B8	CEYLON	12	18			1
B9	N. INDIAN COLD	11	15			1
	N. INDIAN WARM	15	20			2
B10	ANDAMAN	10	17			1
B11	WEST ADEN	12	18			1
B12	EAST ADEN	12	18			1
B13	YEMEN COOL	12	16			1
	YEMEN WARM	16	21			2
B14	ARABIAN	13	19			1

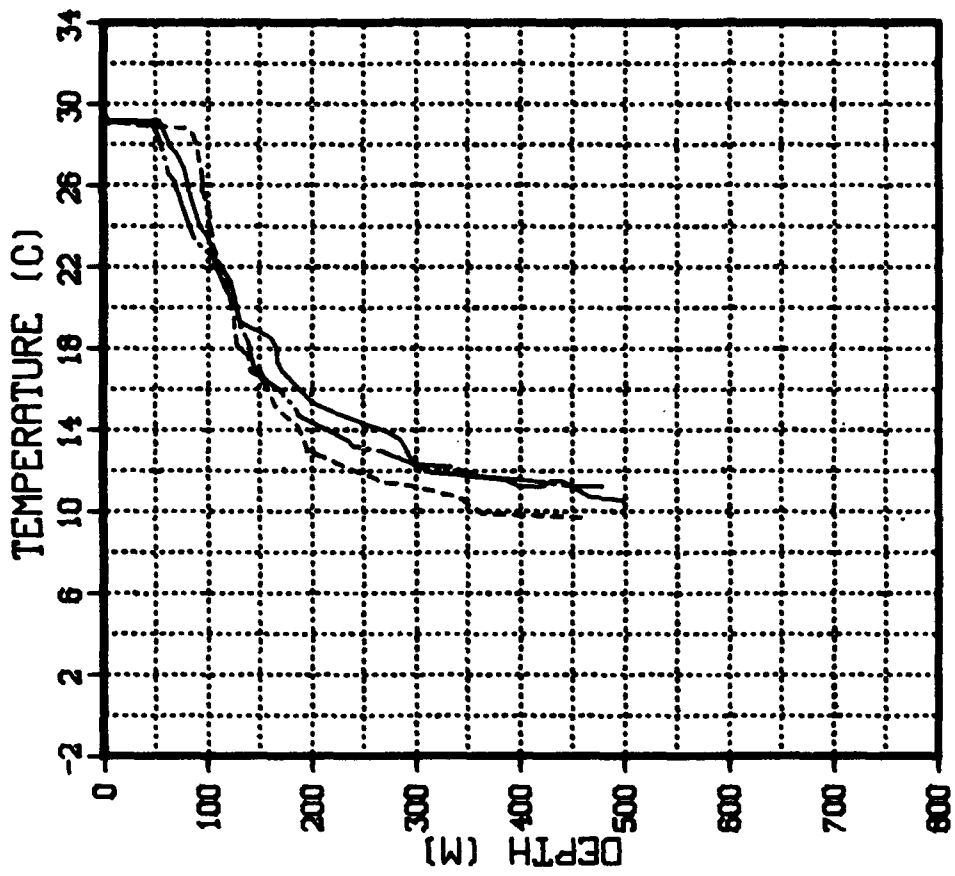
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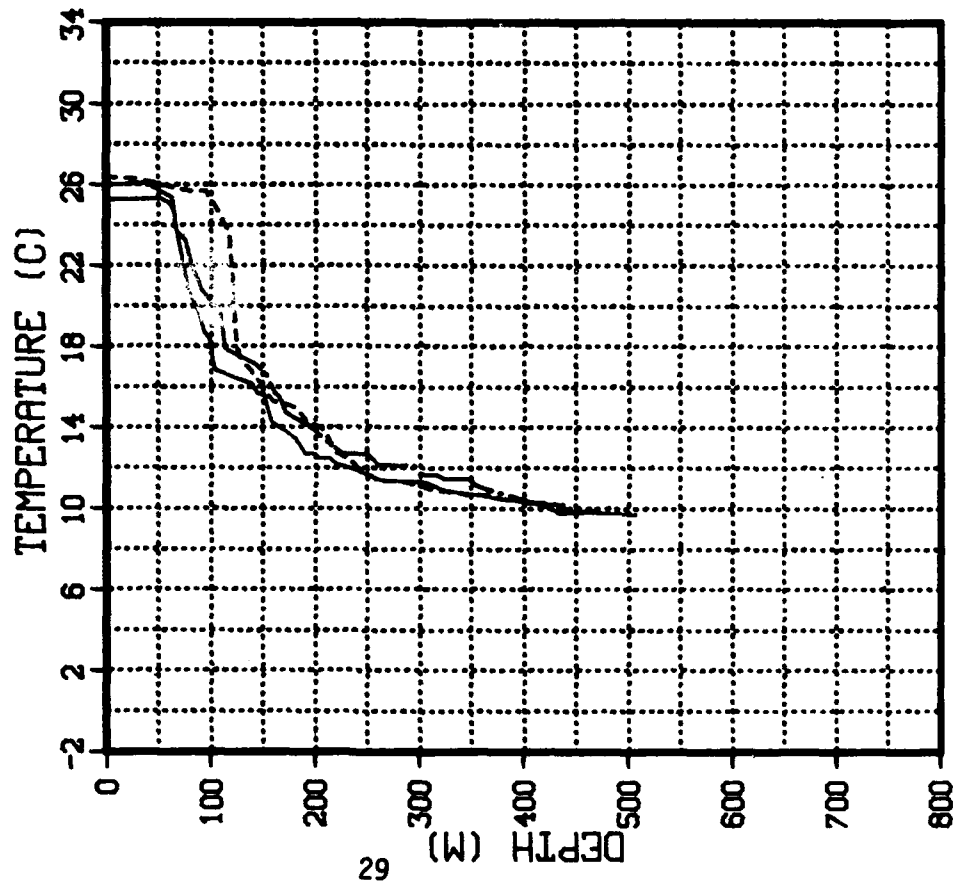


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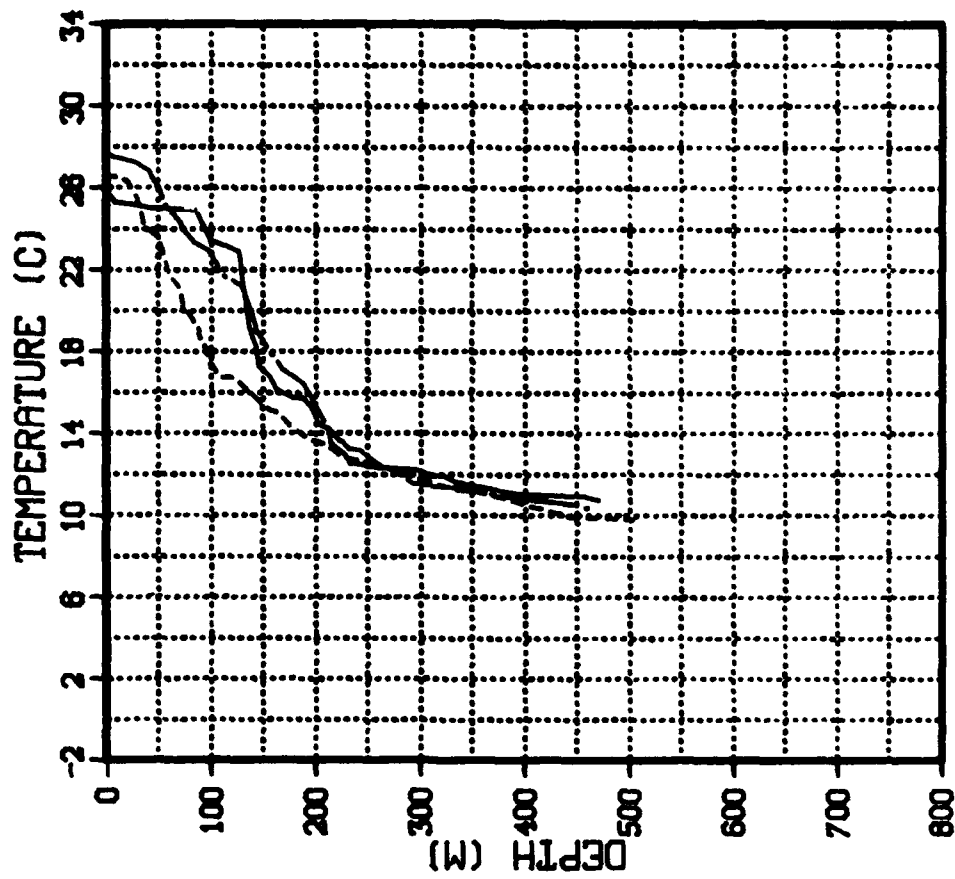


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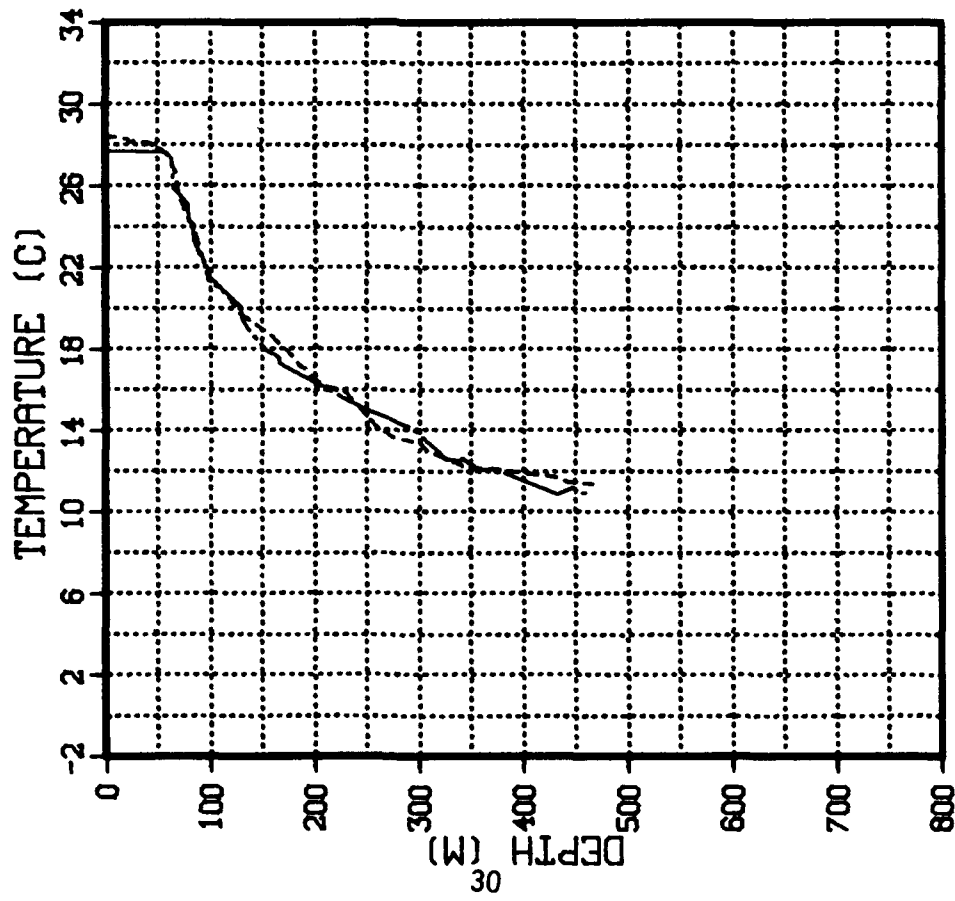


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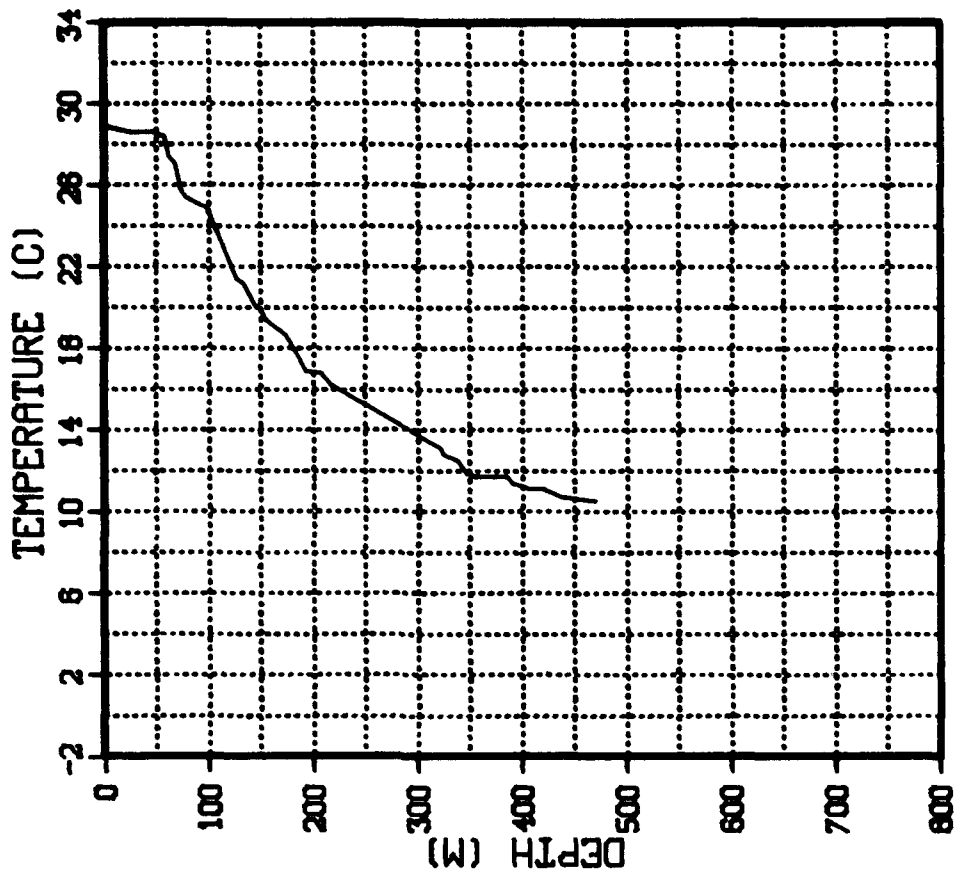


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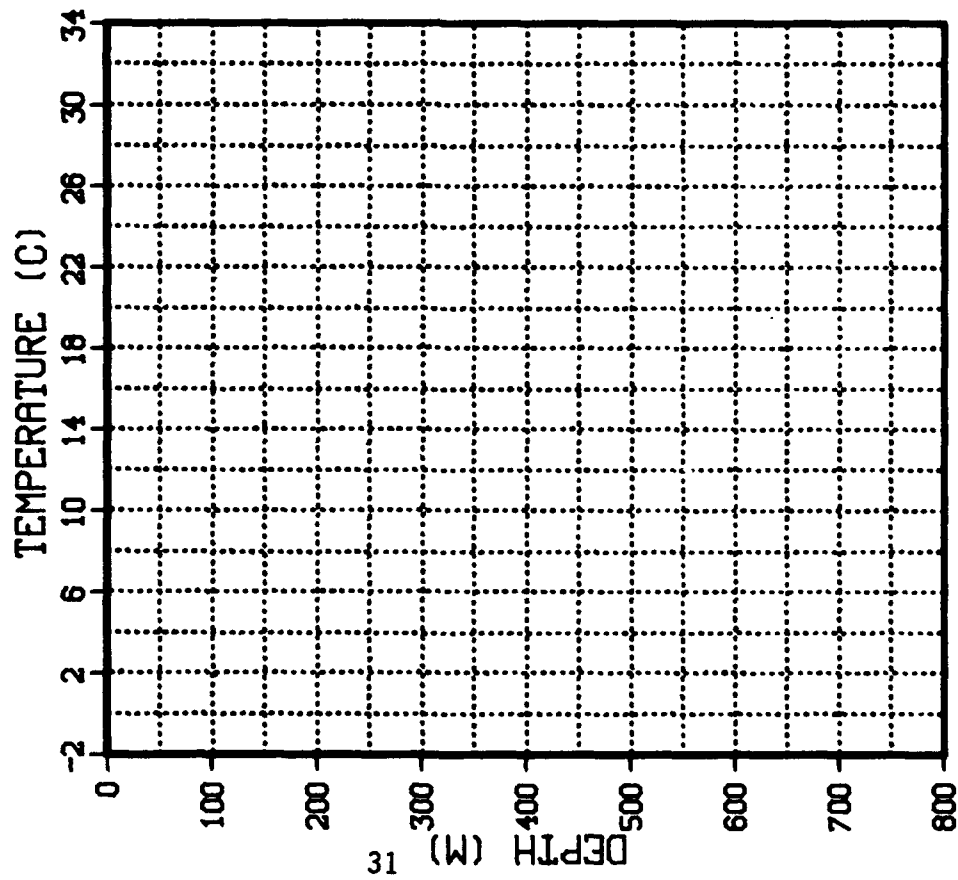


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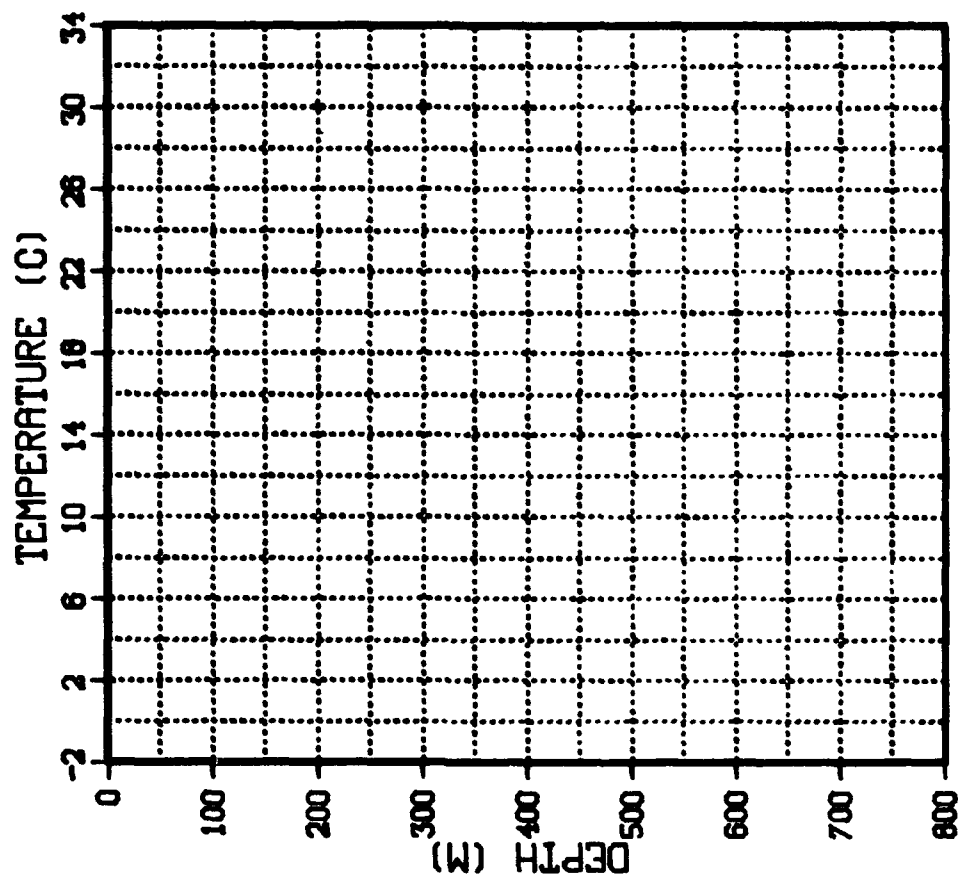


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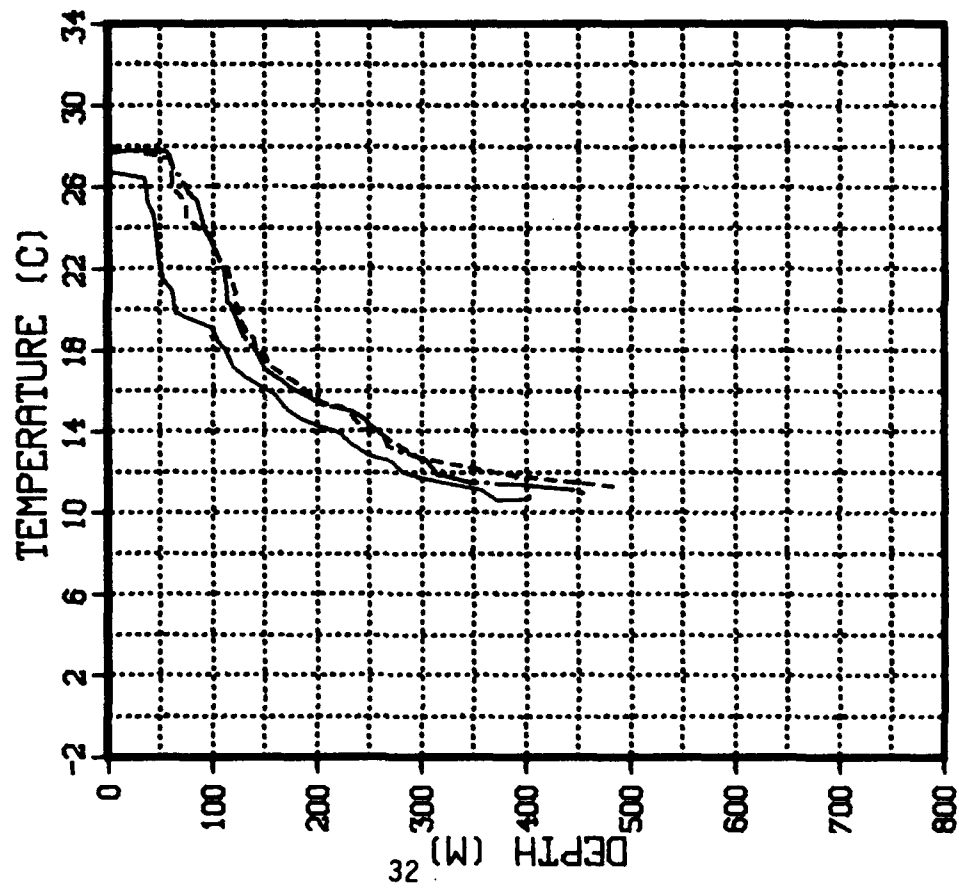


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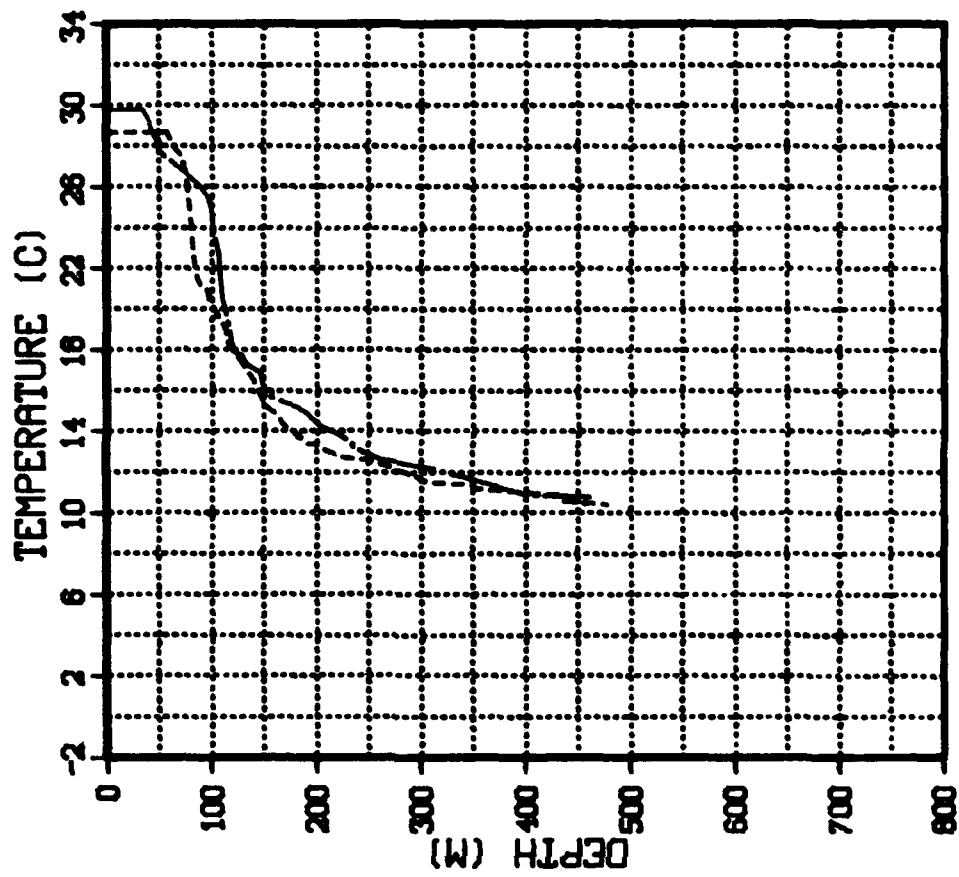


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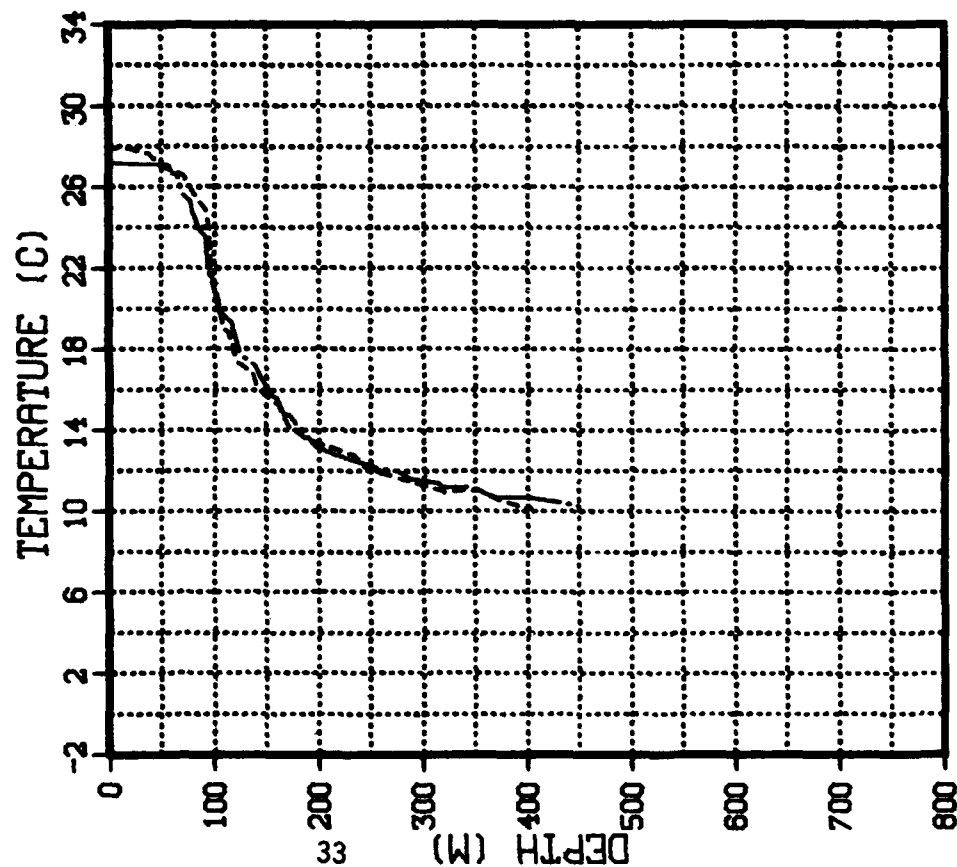


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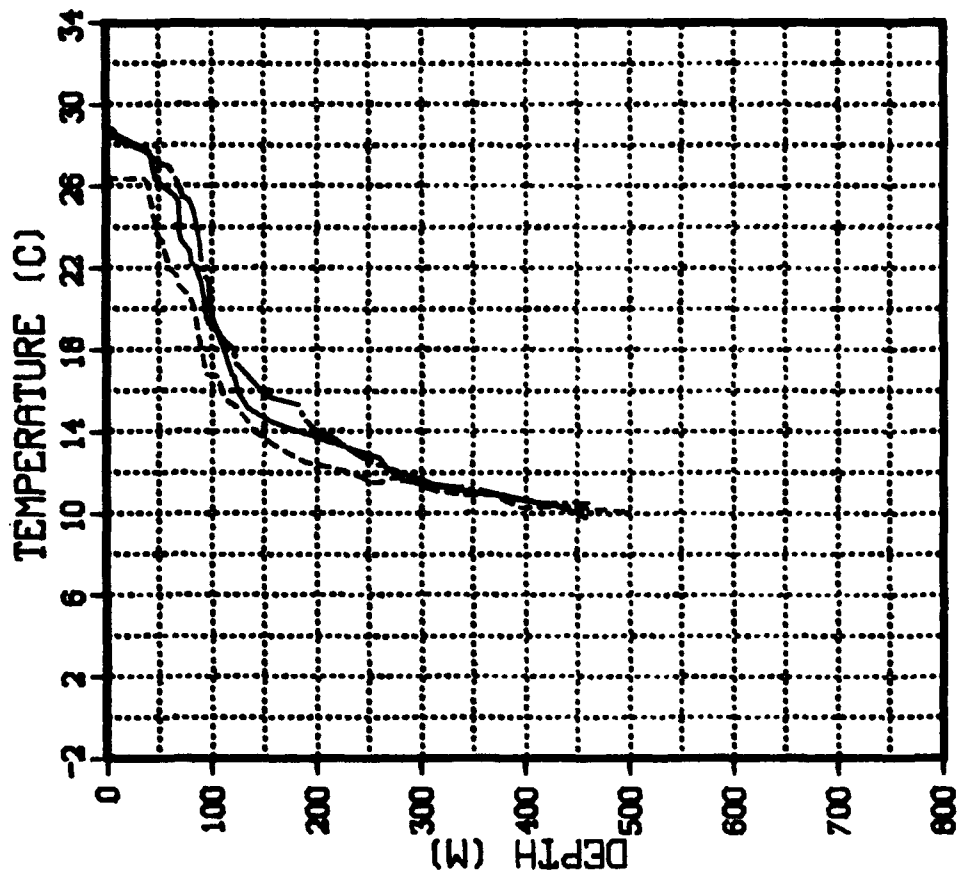


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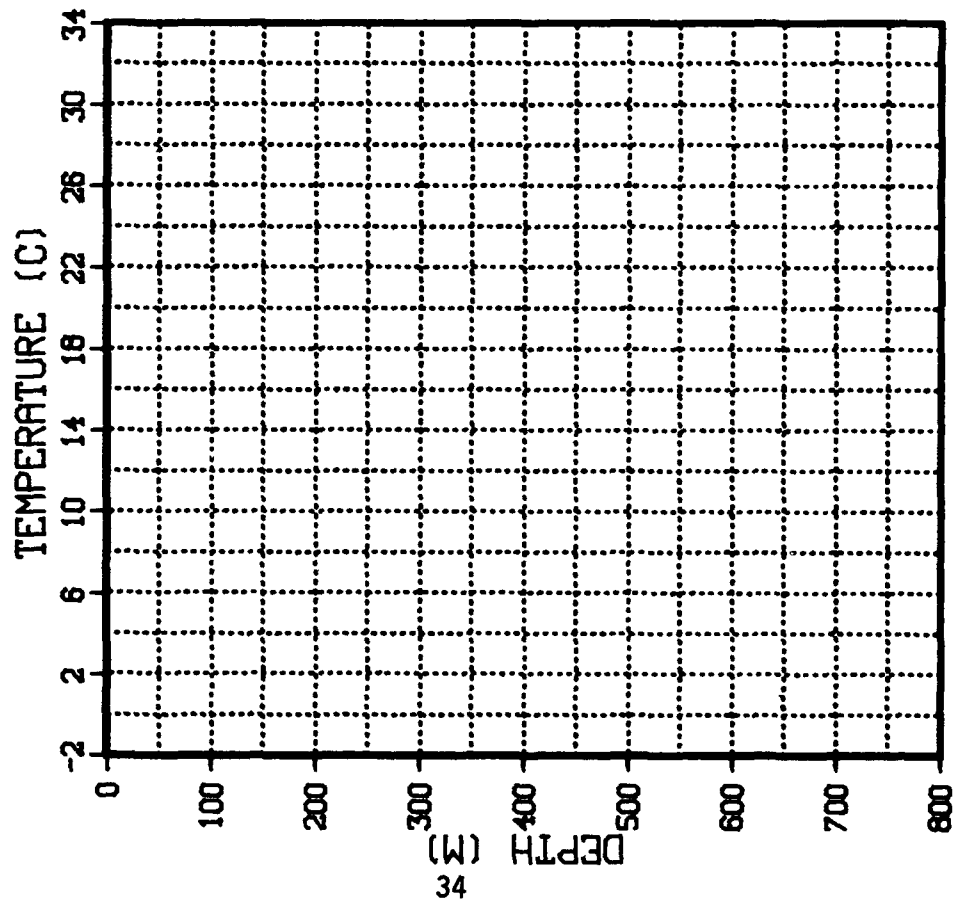


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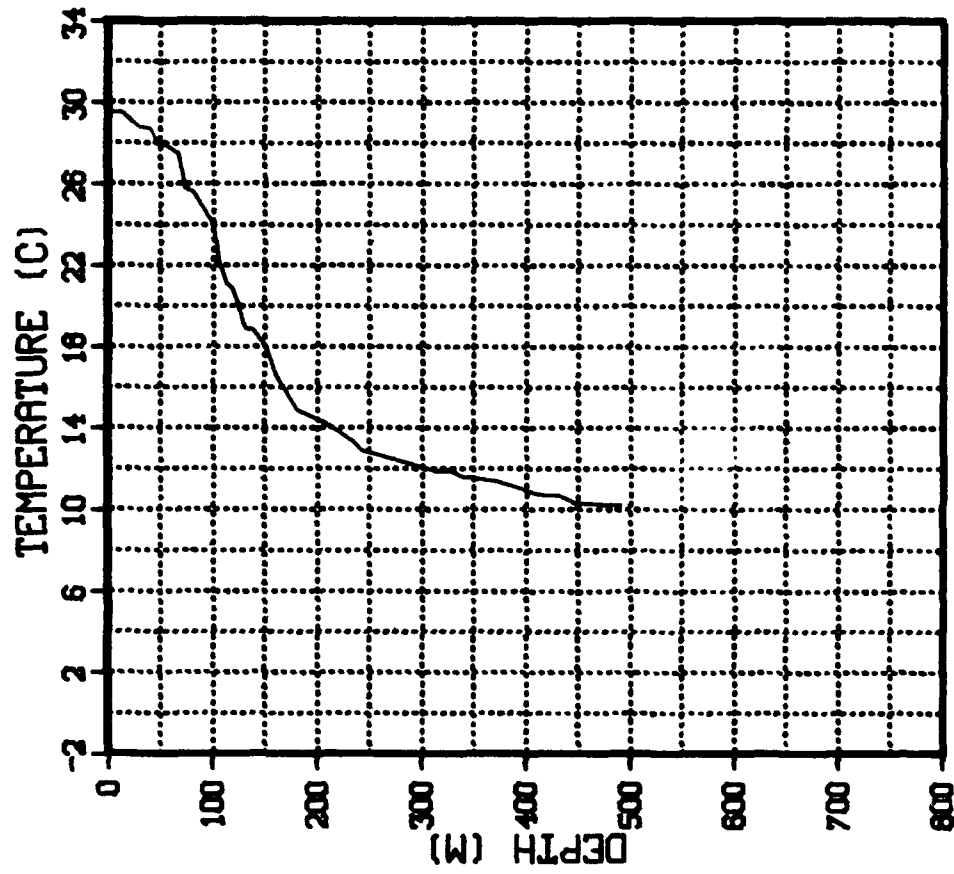


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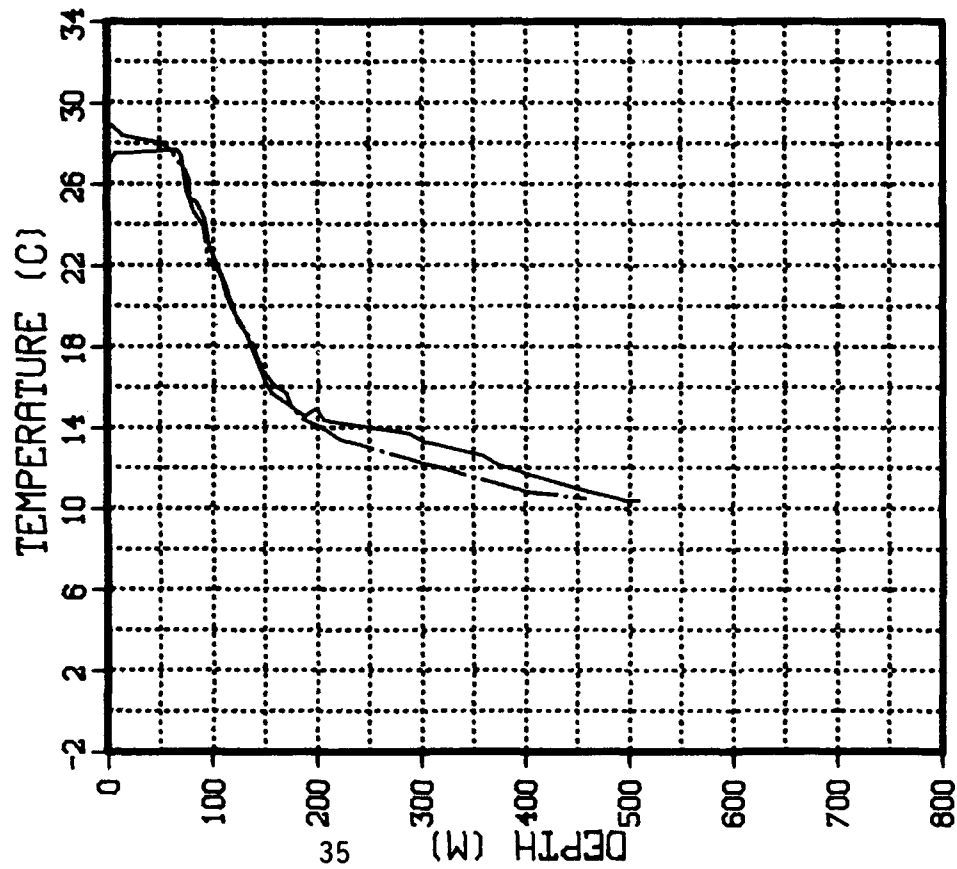


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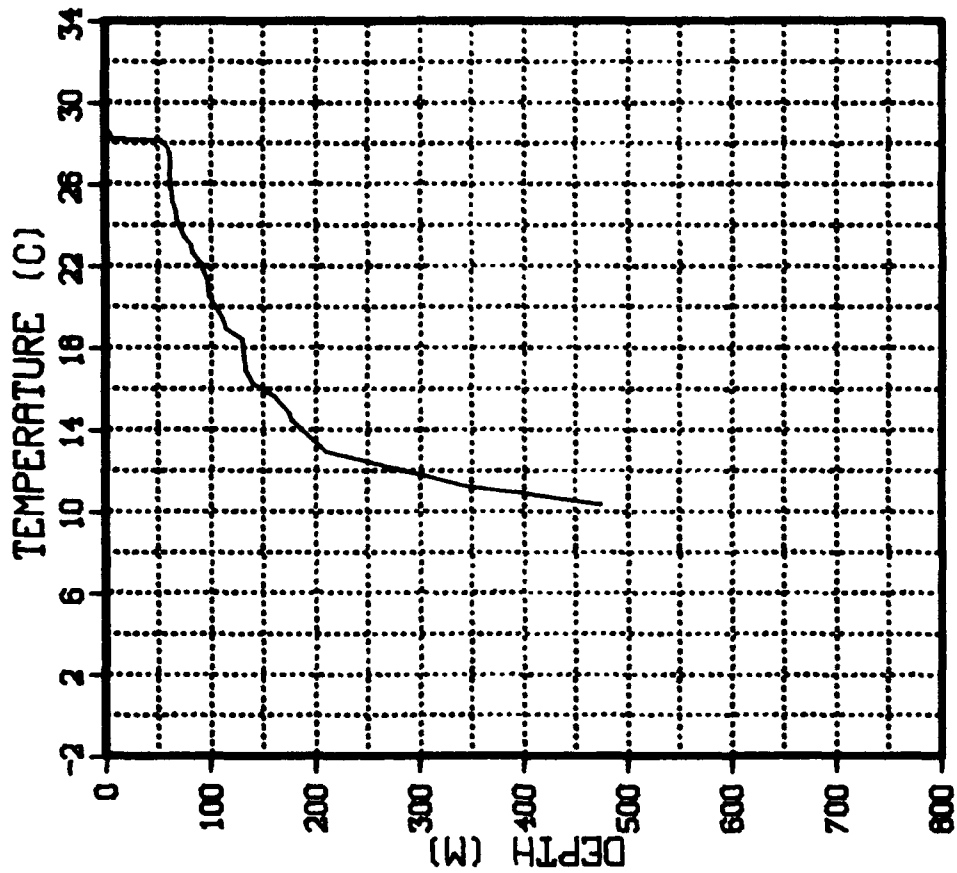


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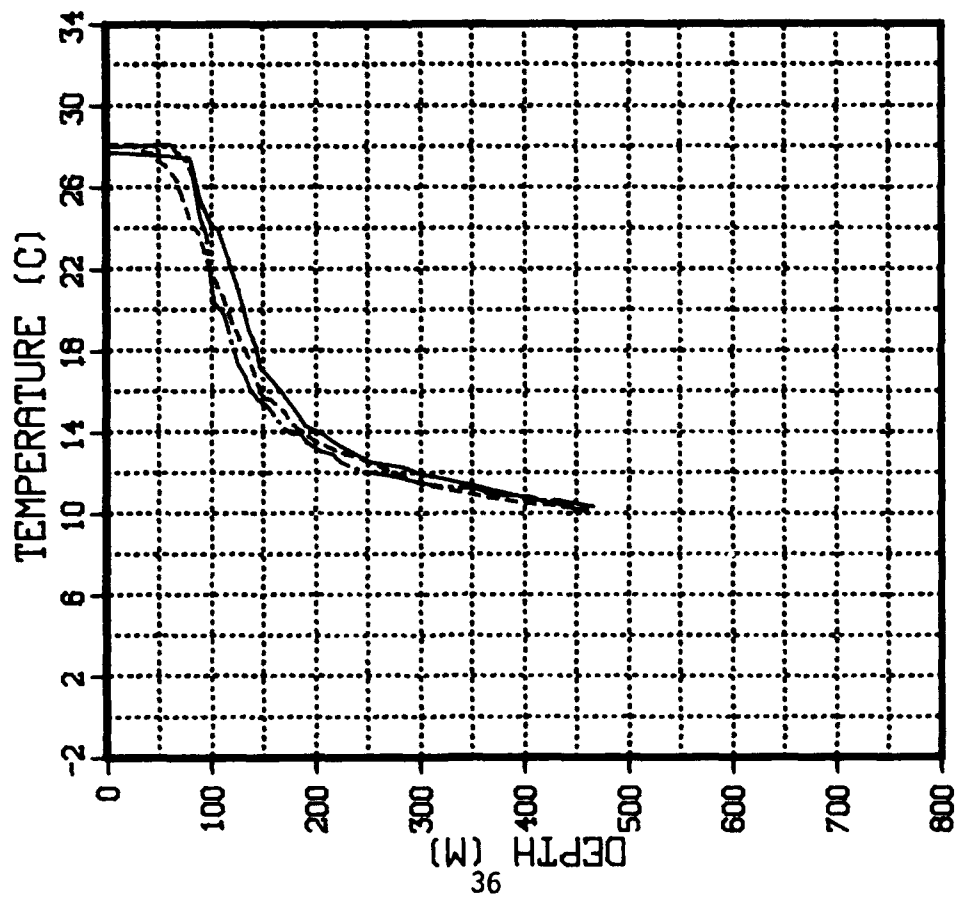


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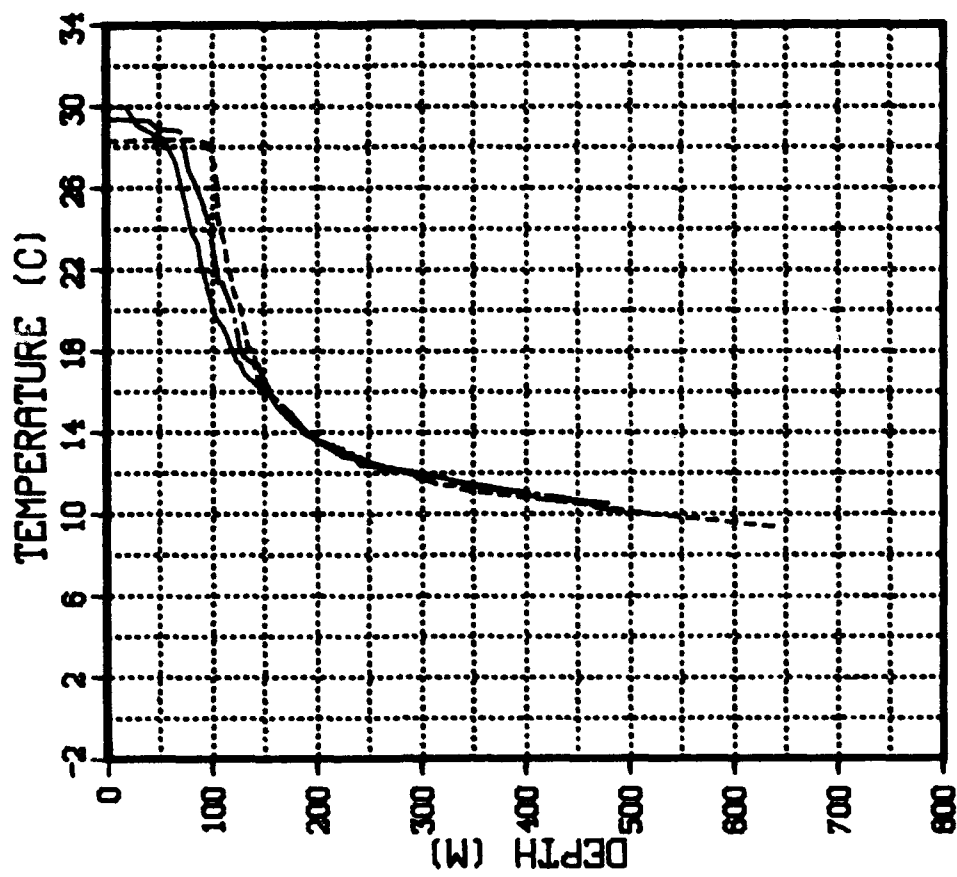


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MID INDIAN COLD B 4

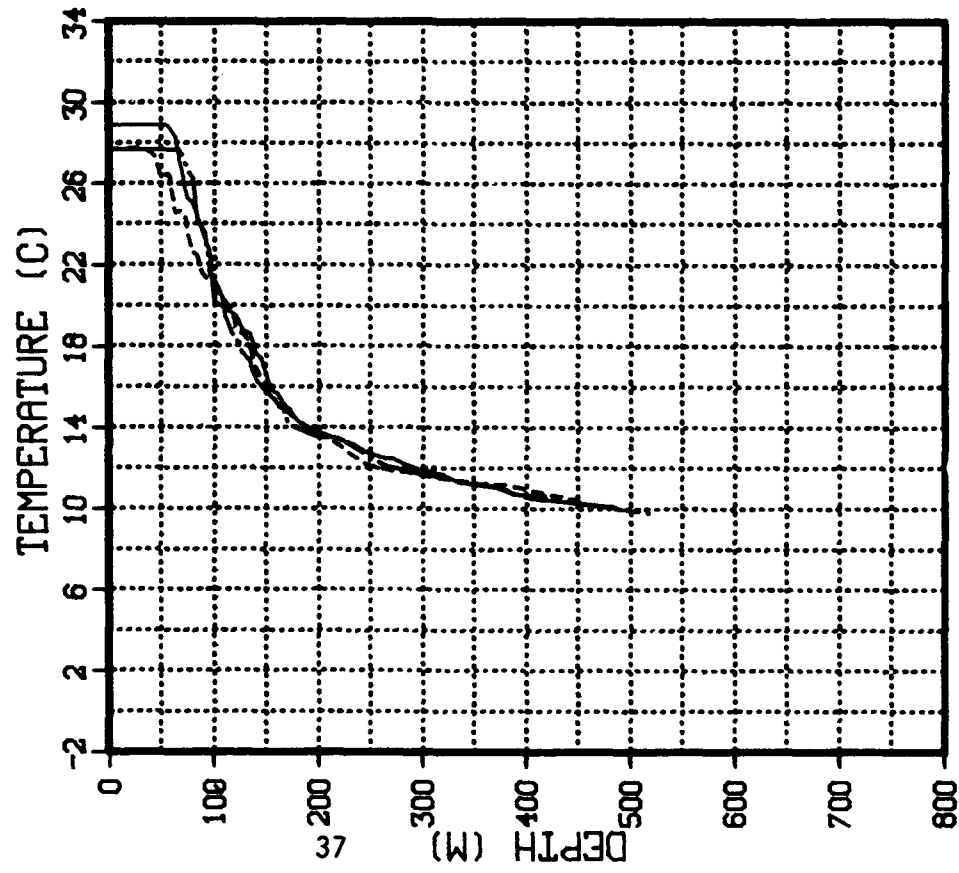


JAN, FEB, MAR

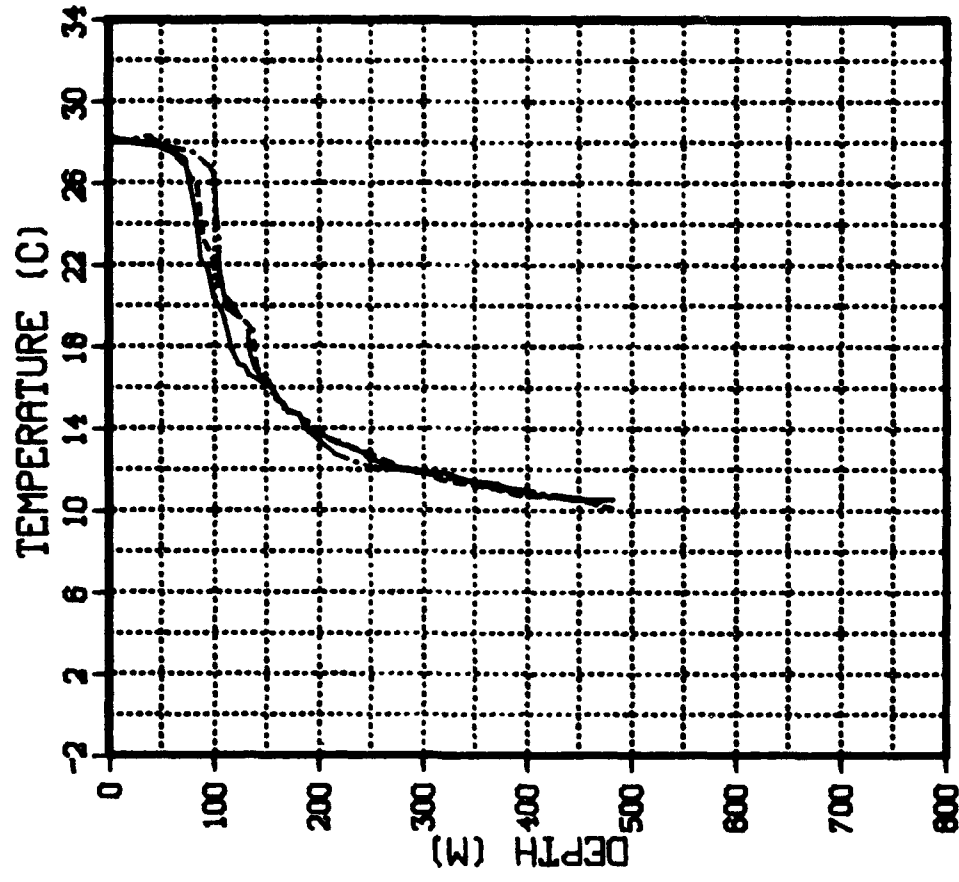


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MID INDIAN COLD B 4

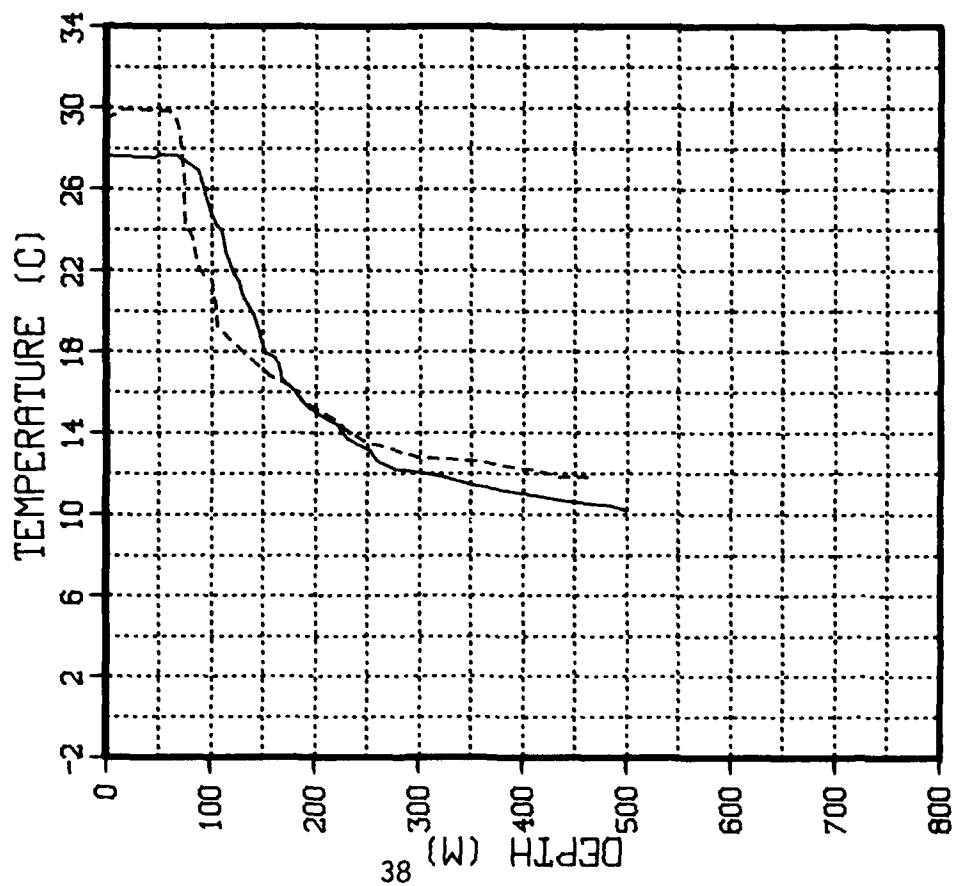


JUL, AUG, SEP

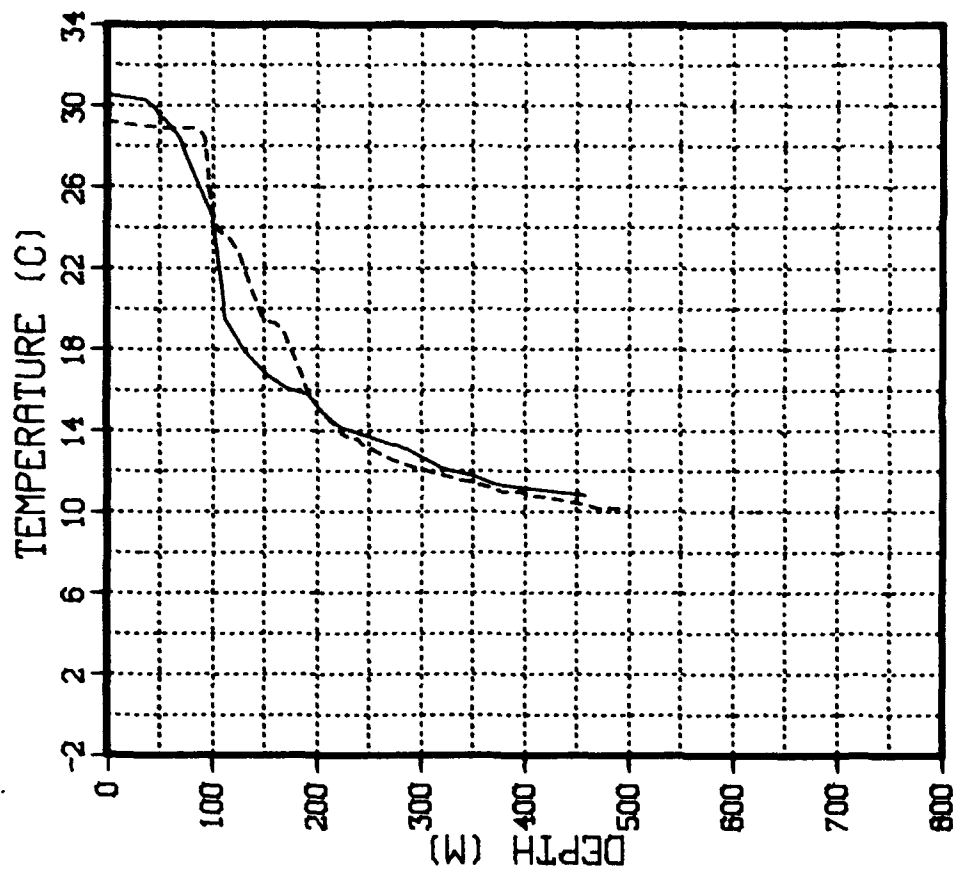


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MID-INDIAN WARM B 4

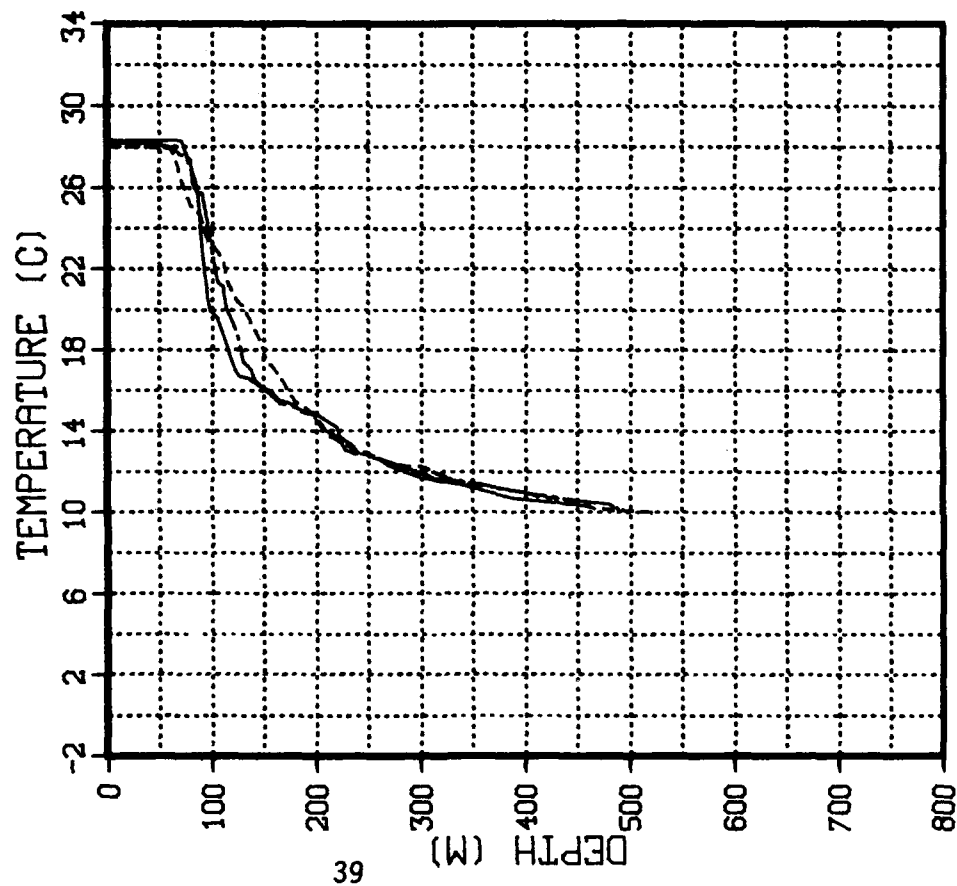


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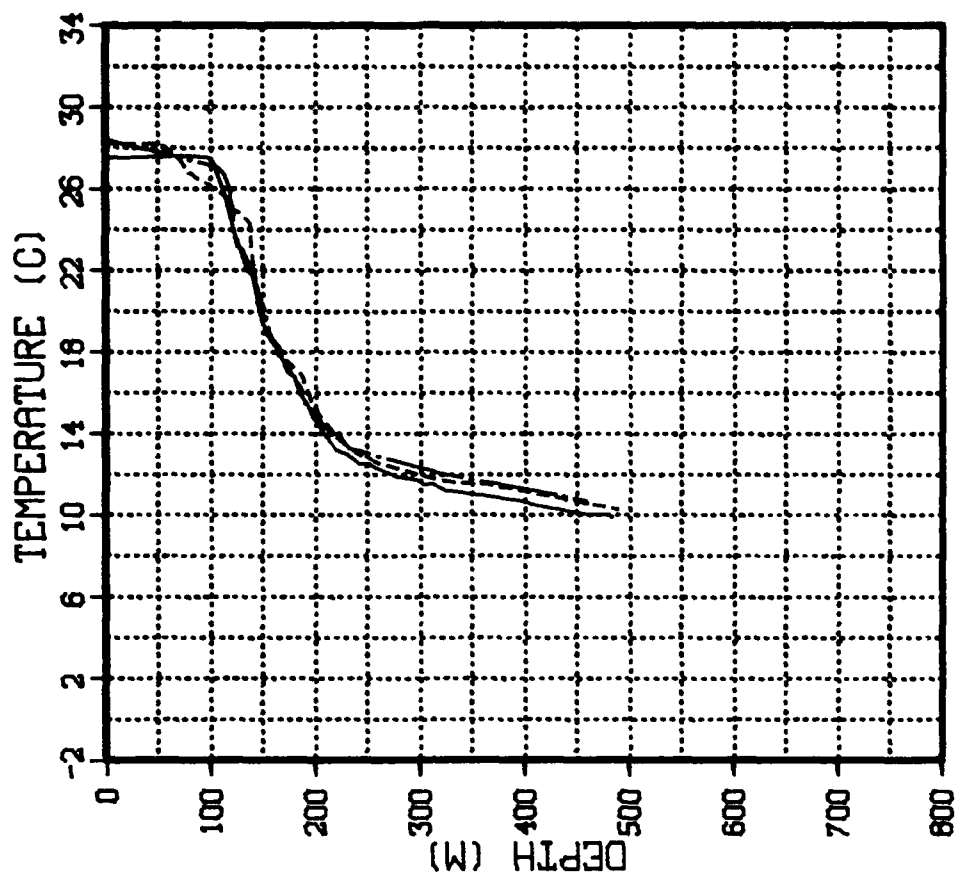


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MID-INDIAN WARM B 4

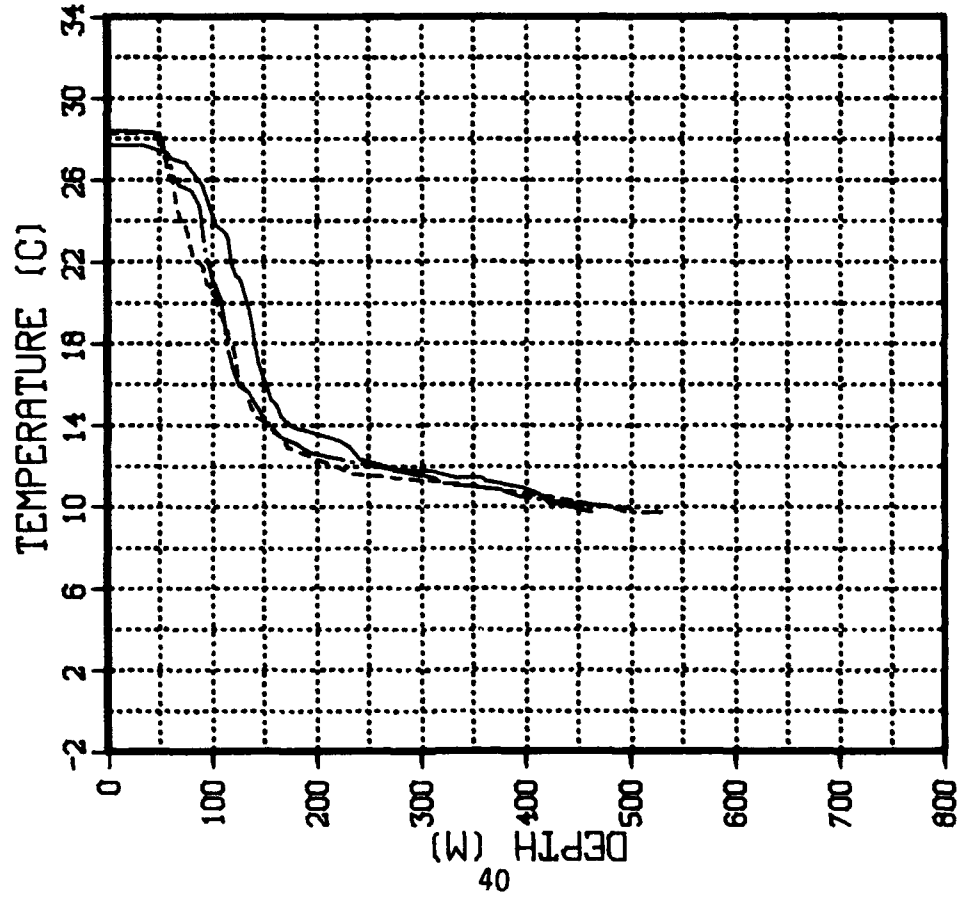


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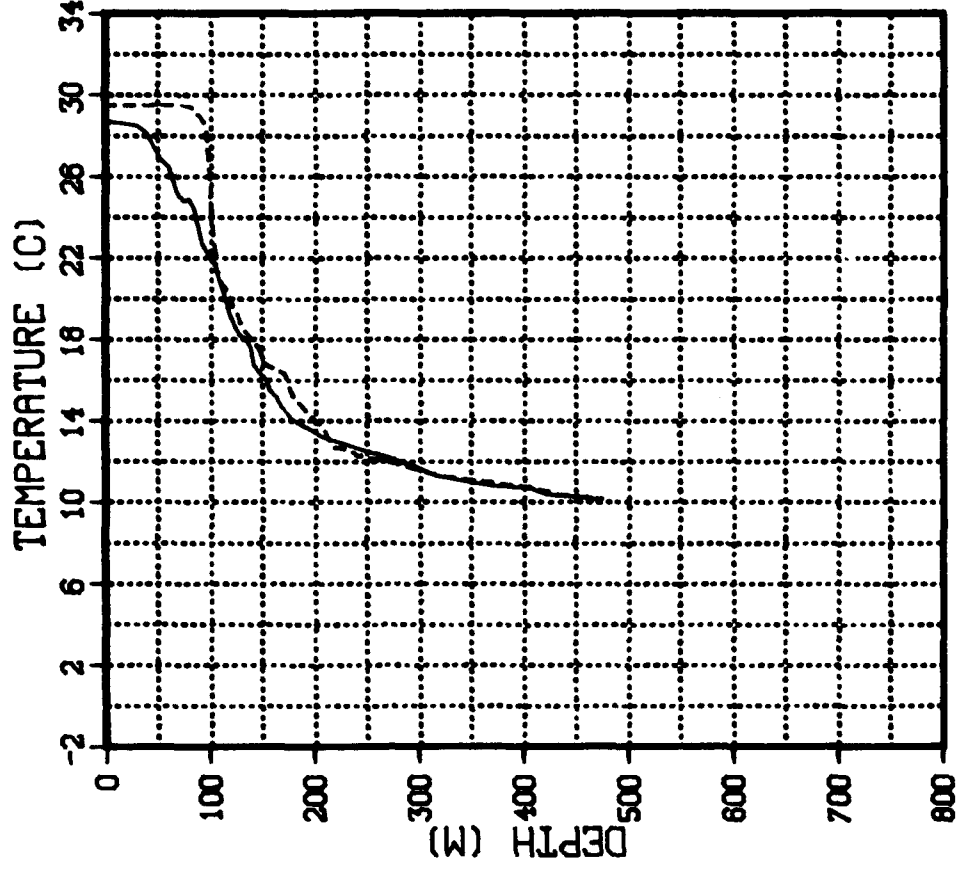


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EAST INDIAN B 5

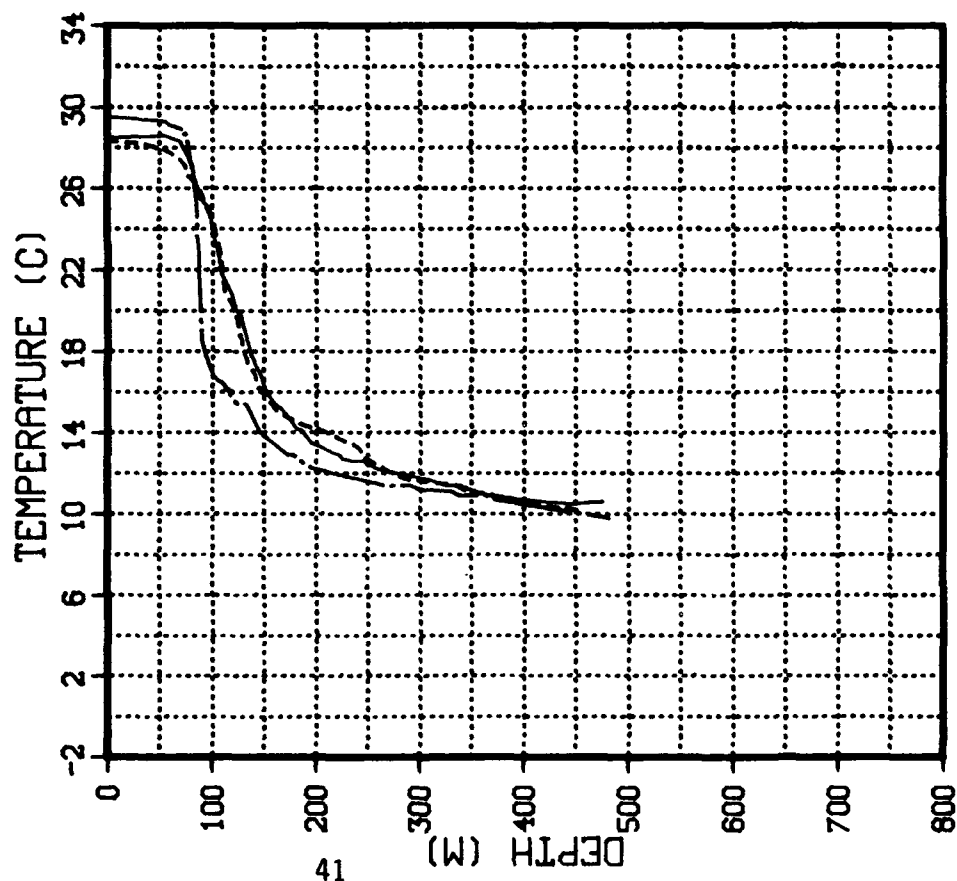


JAN, FEB, MAR

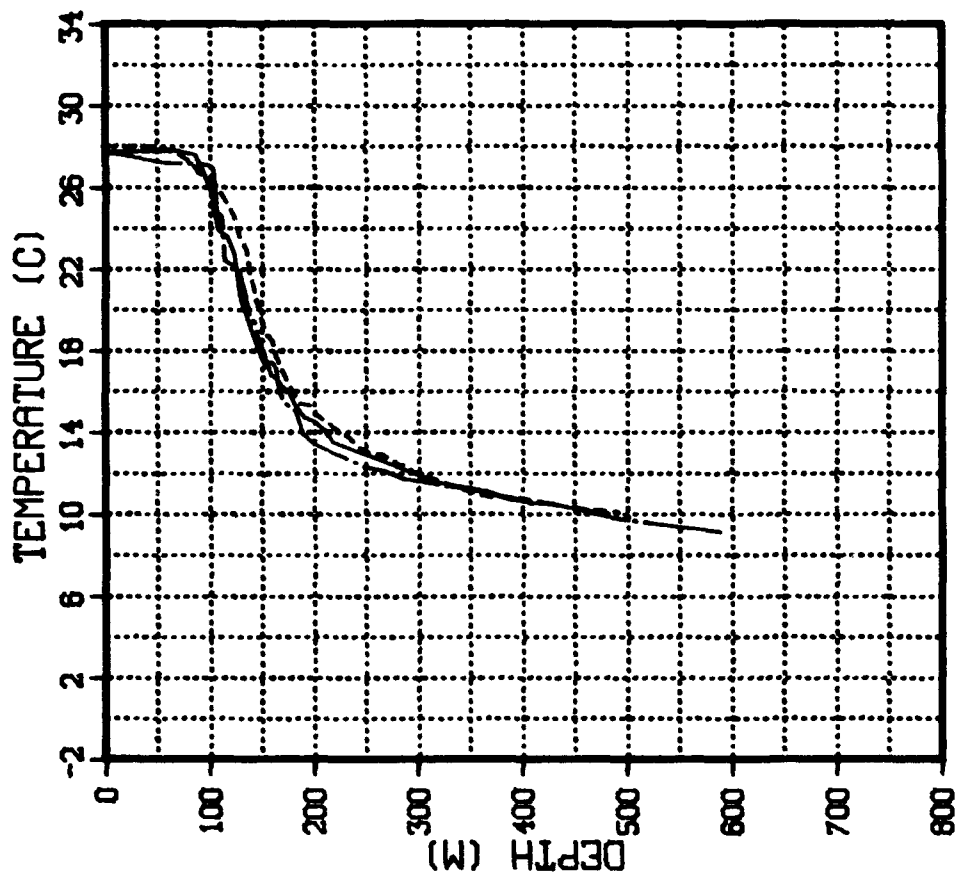


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EAST INDIAN B 5

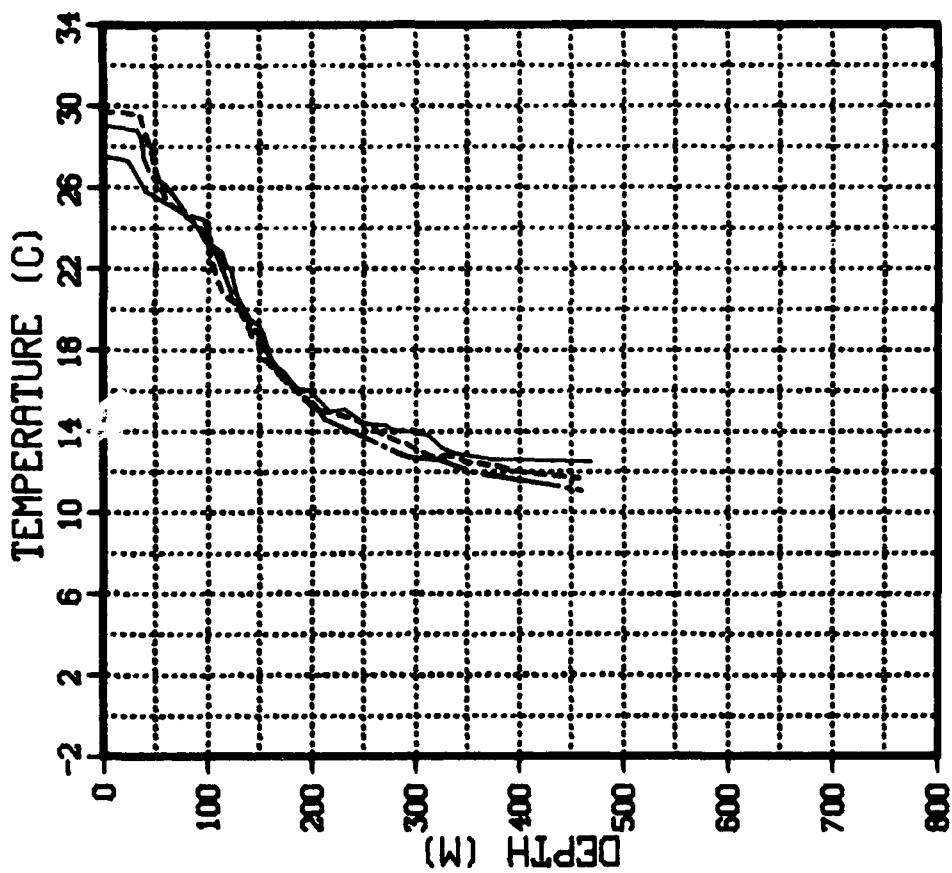
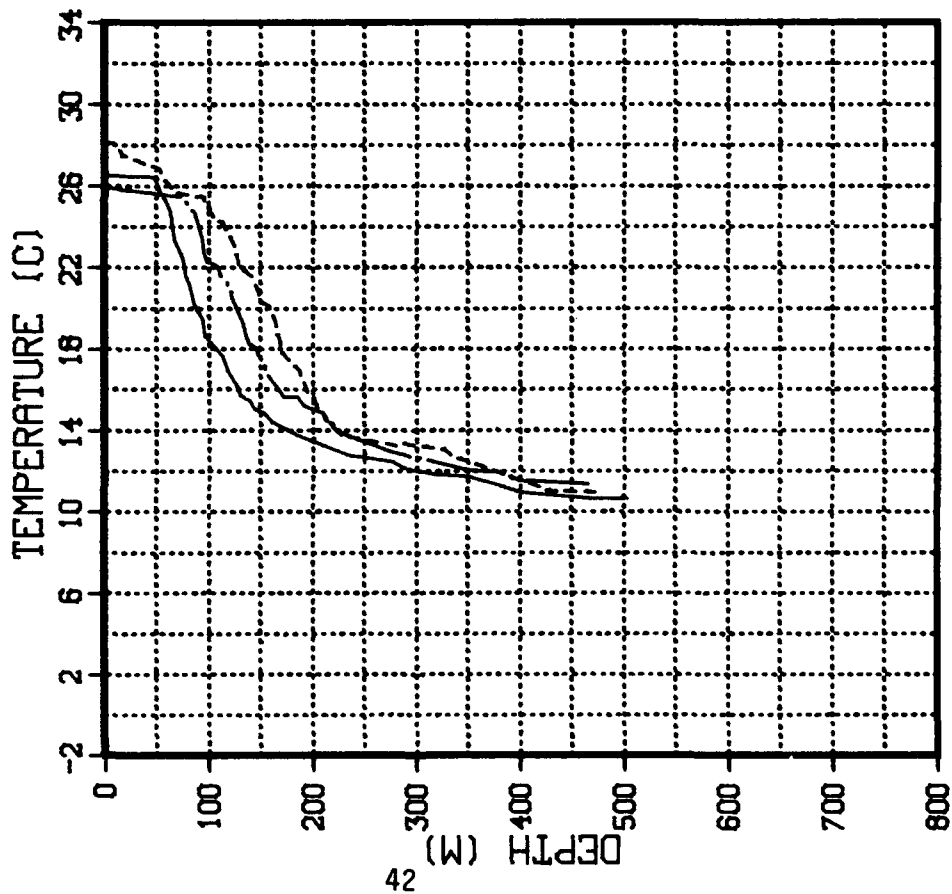


JUL, AUG, SEP

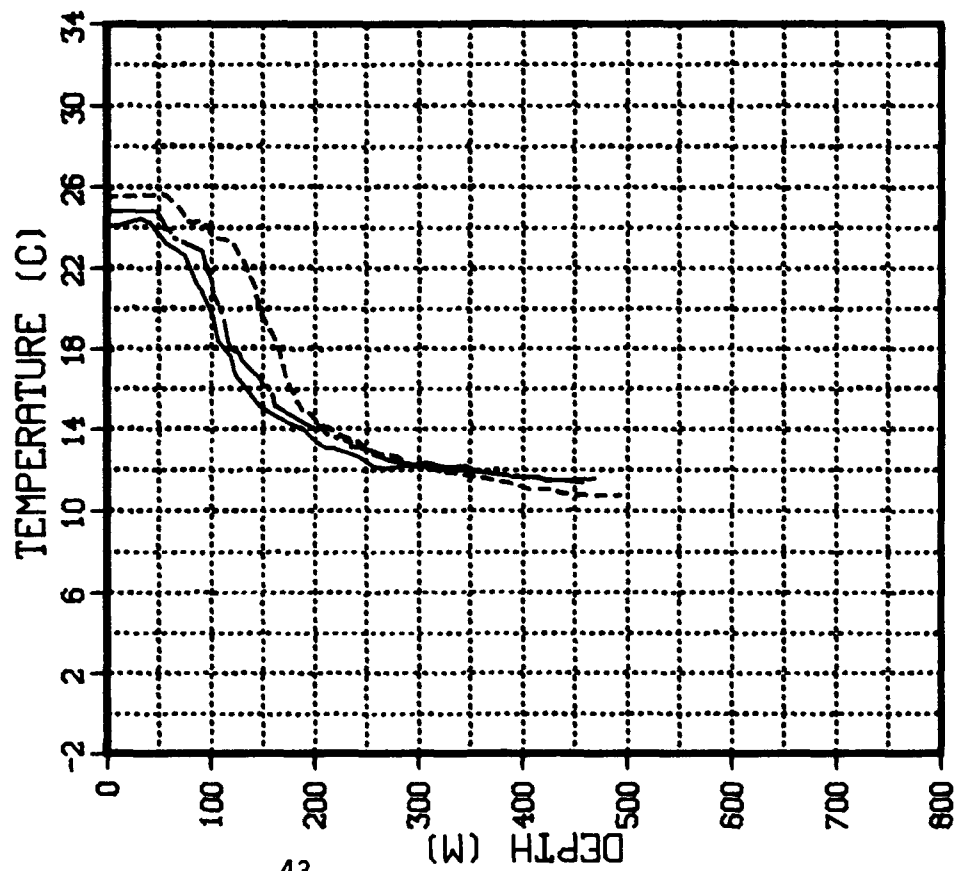


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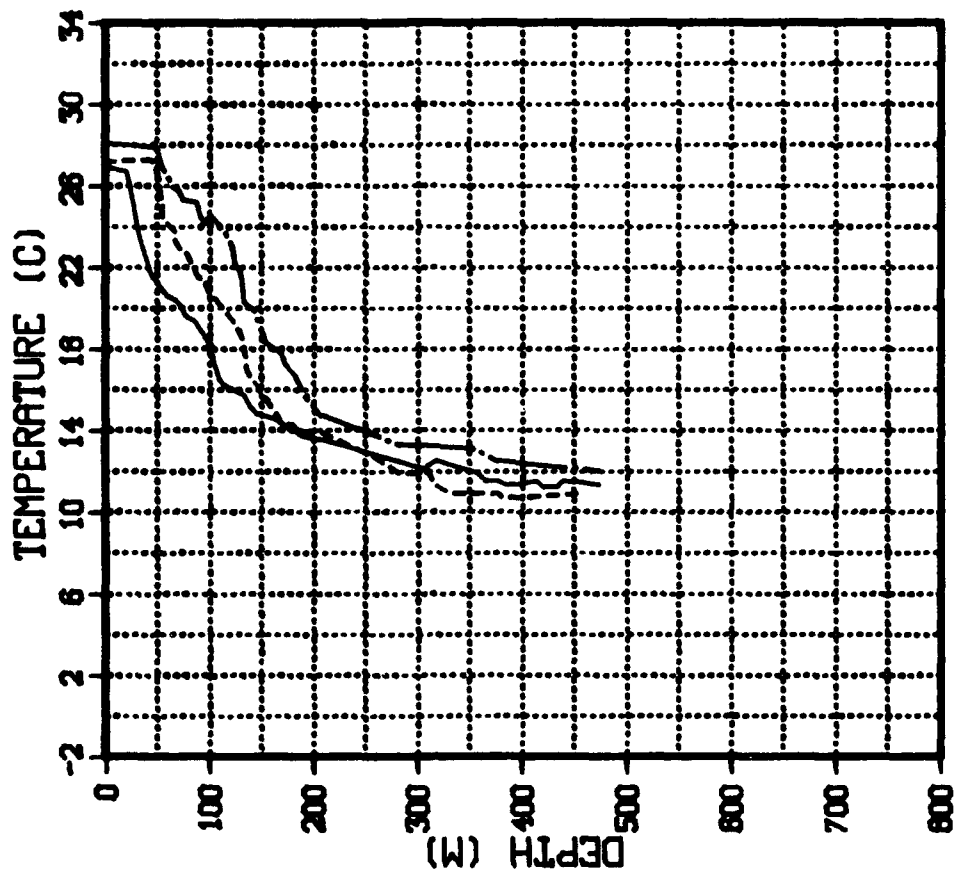
NORTH SOMALI COOL B 6



NORTH SOMALI COOL B 6

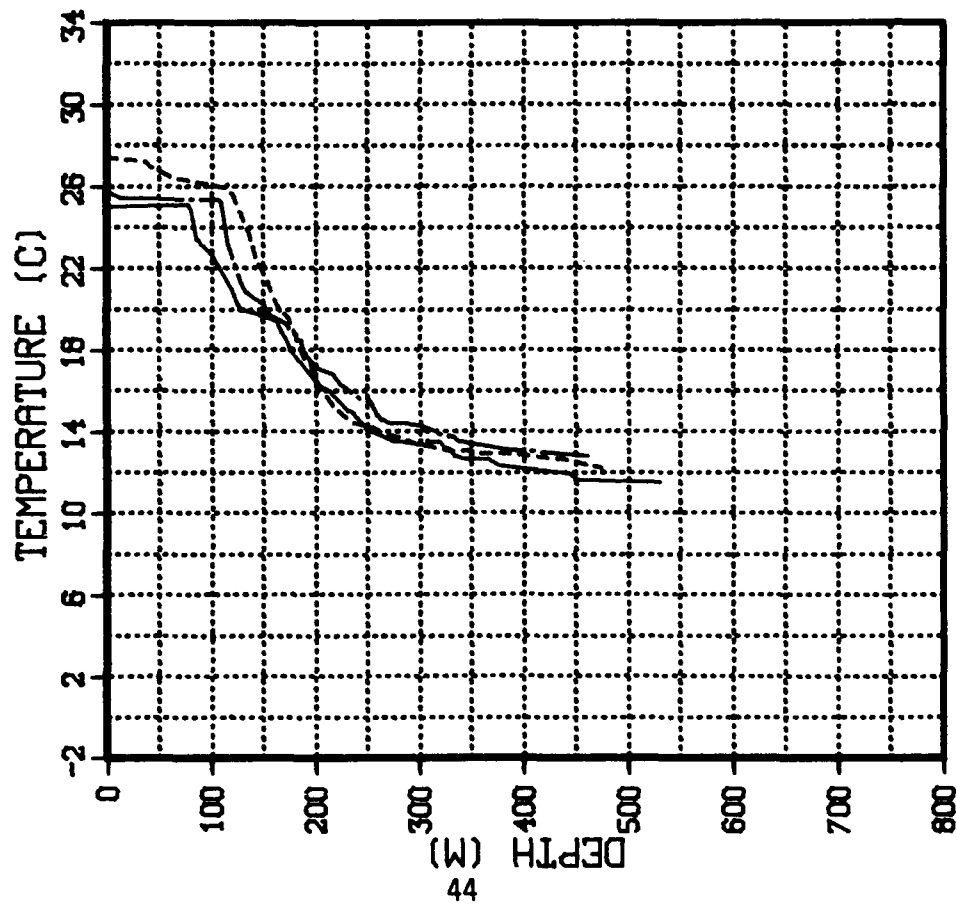


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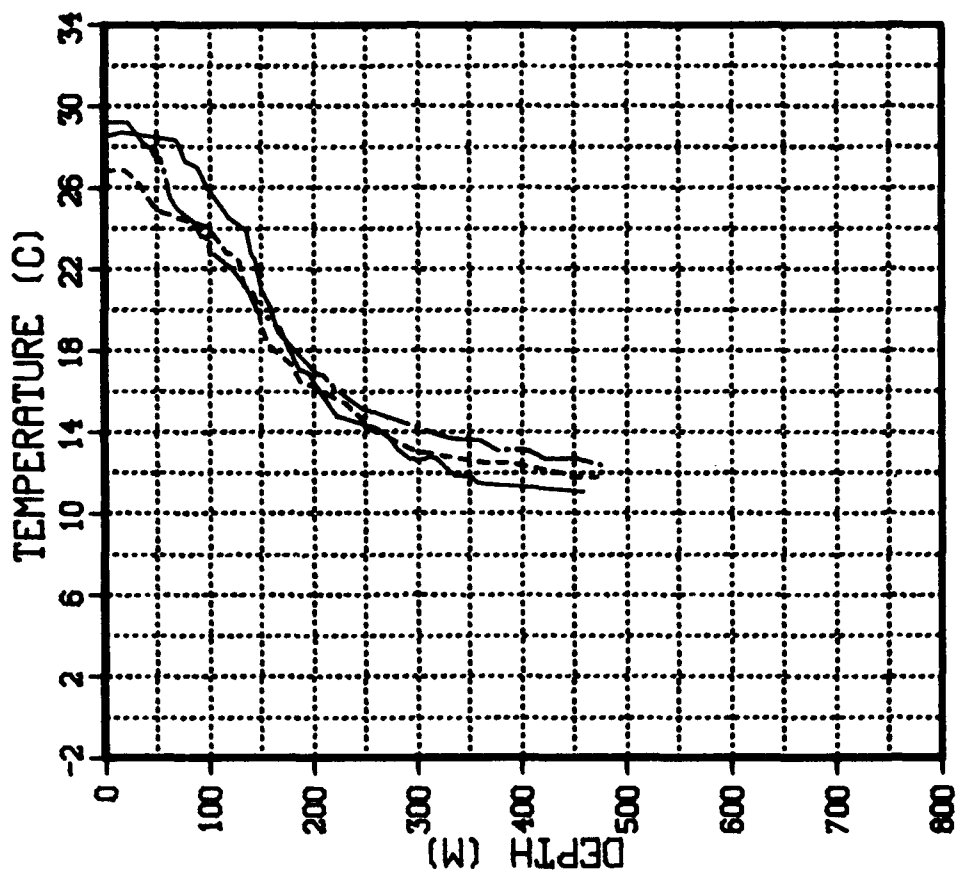


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NORTH SOMALI WARM B 6

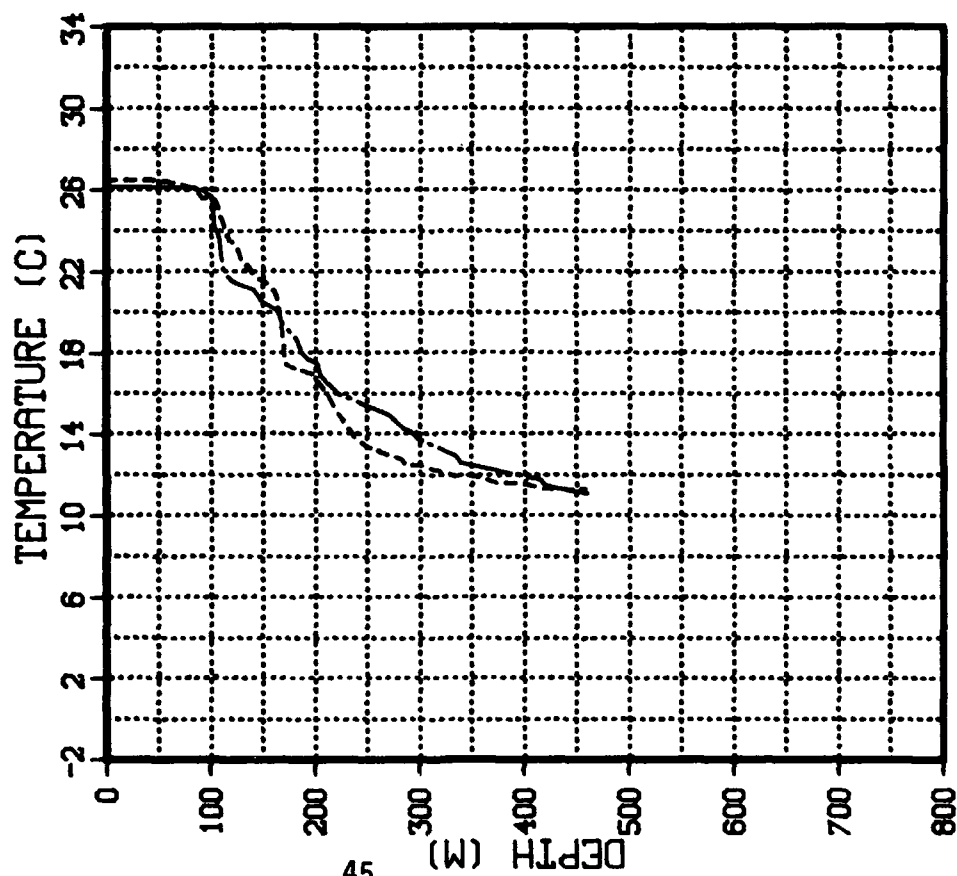


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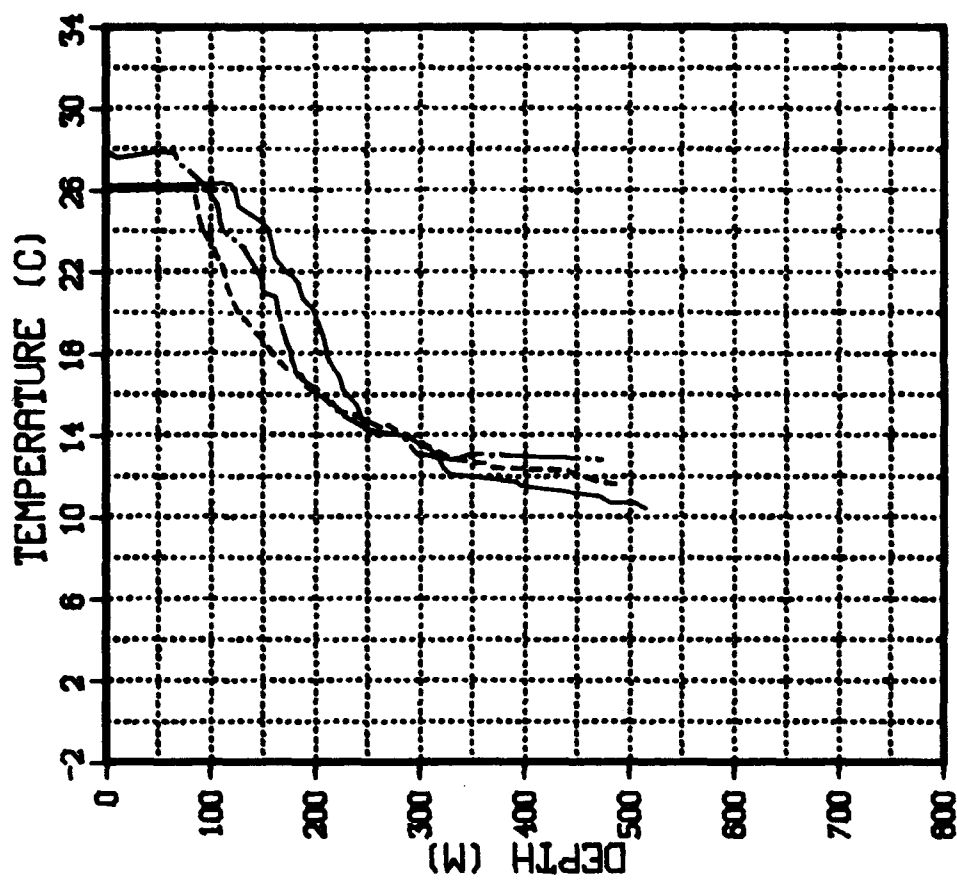


APR, MAY, JUN

NORTH SOMALI WARM B 6

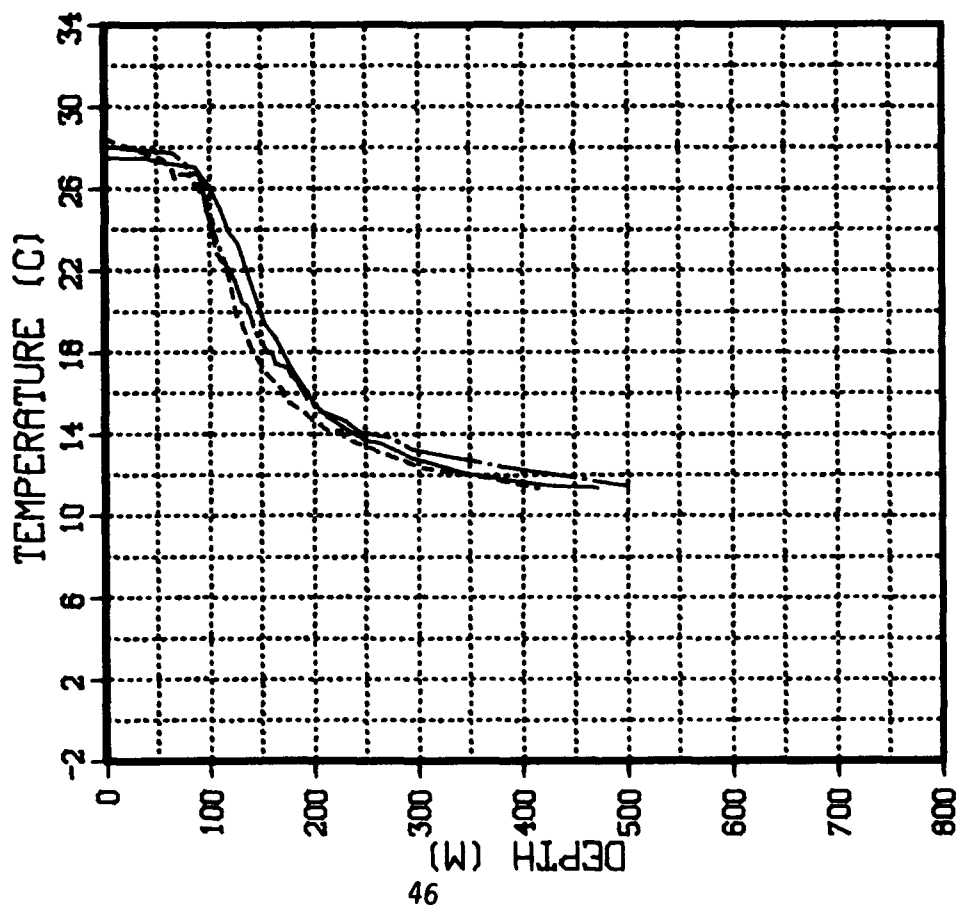


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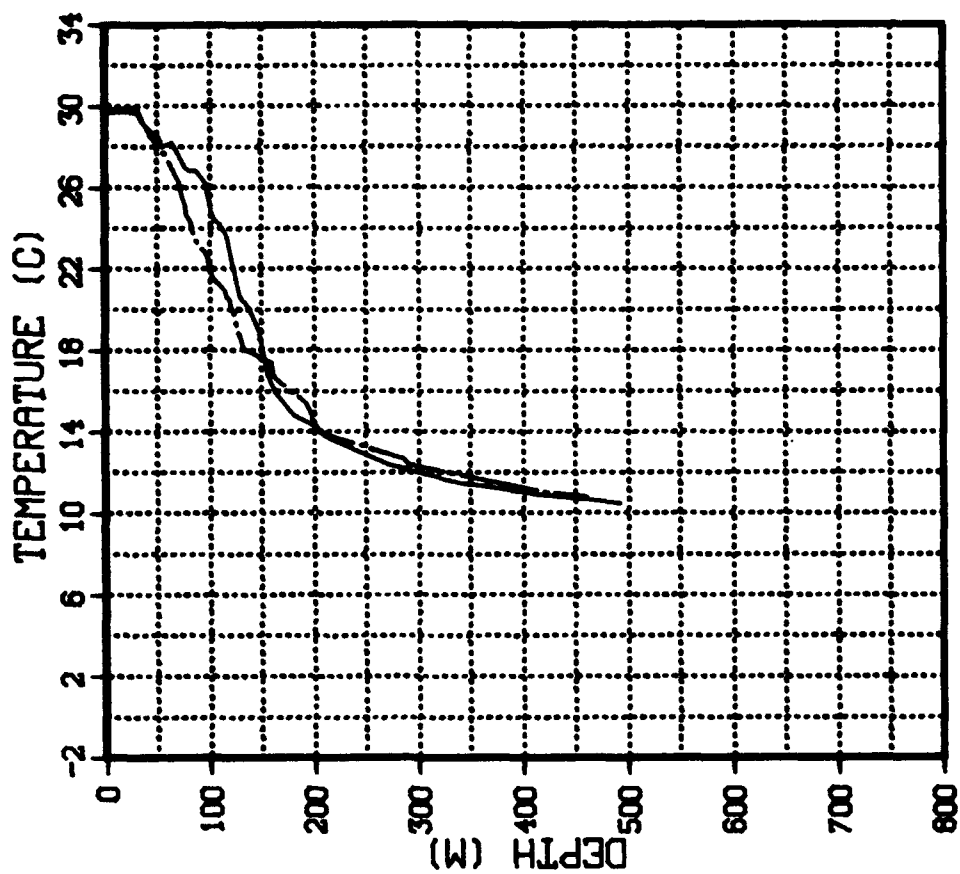


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ARABIAN B 7

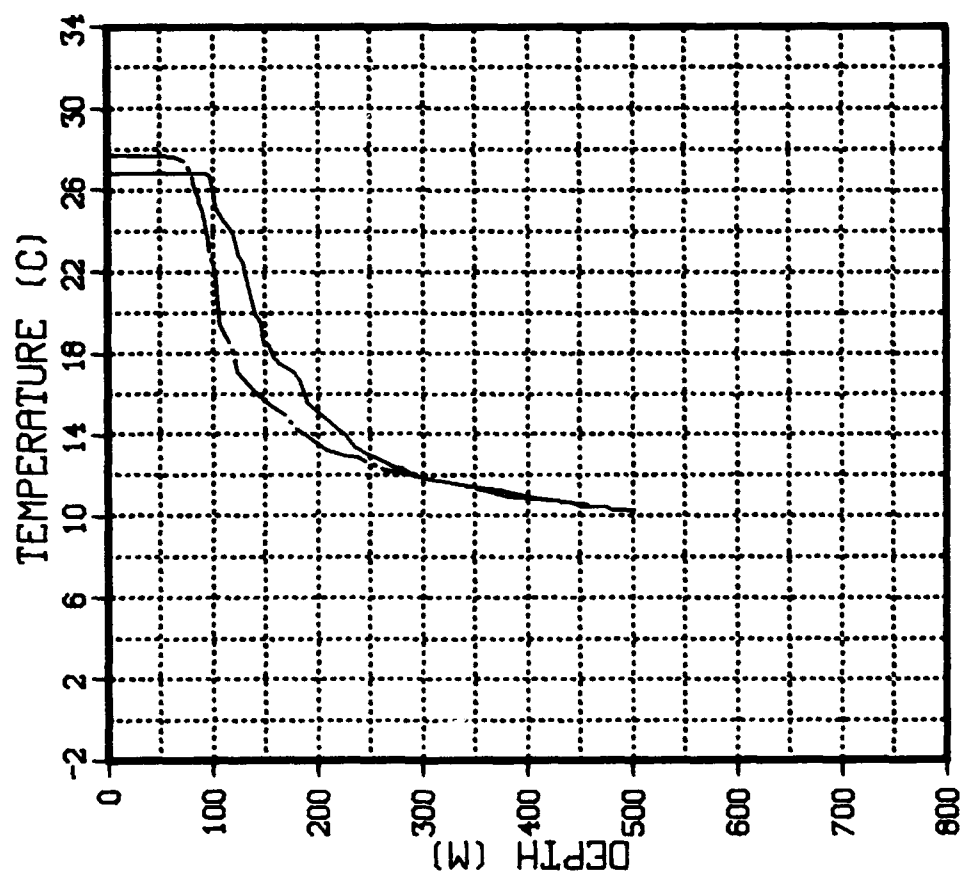


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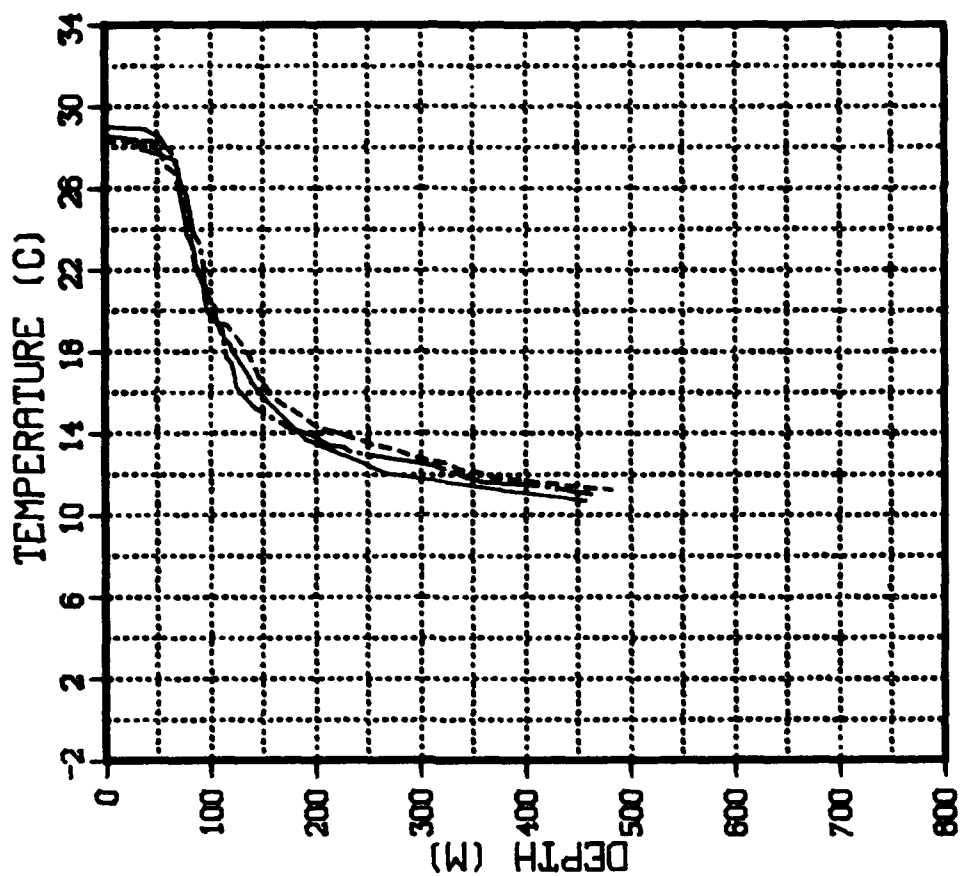


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ARABIAN B 7

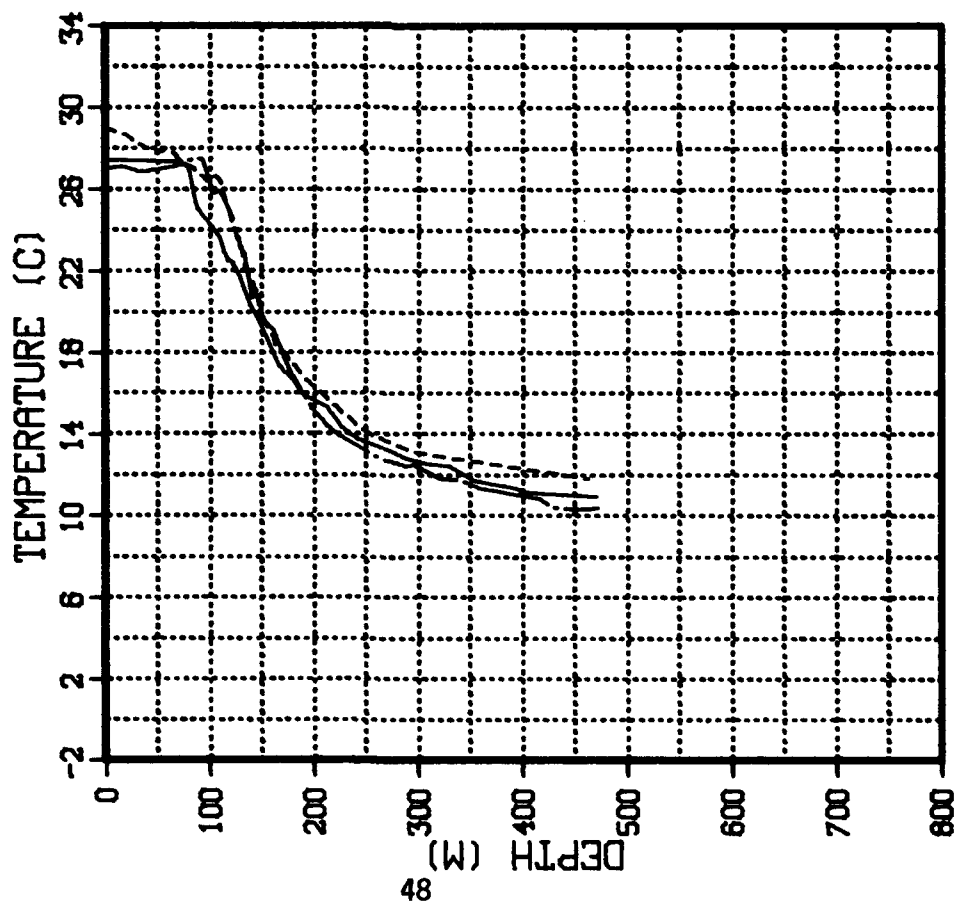


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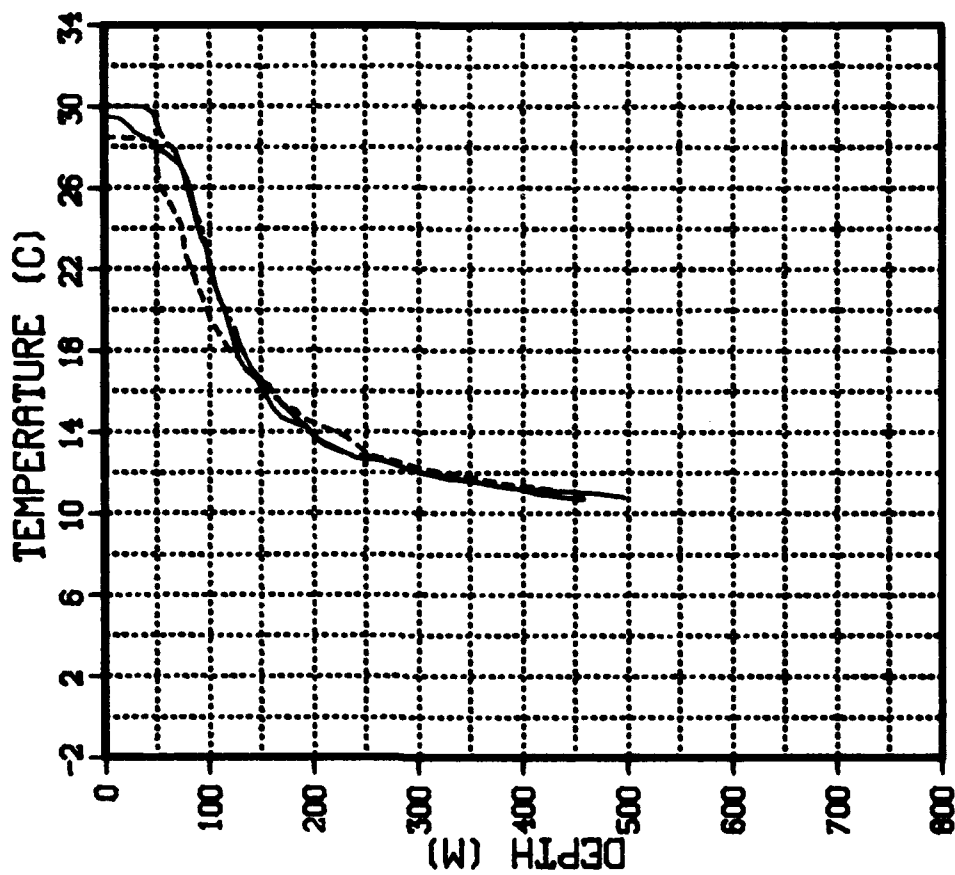


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CEYLON B 8

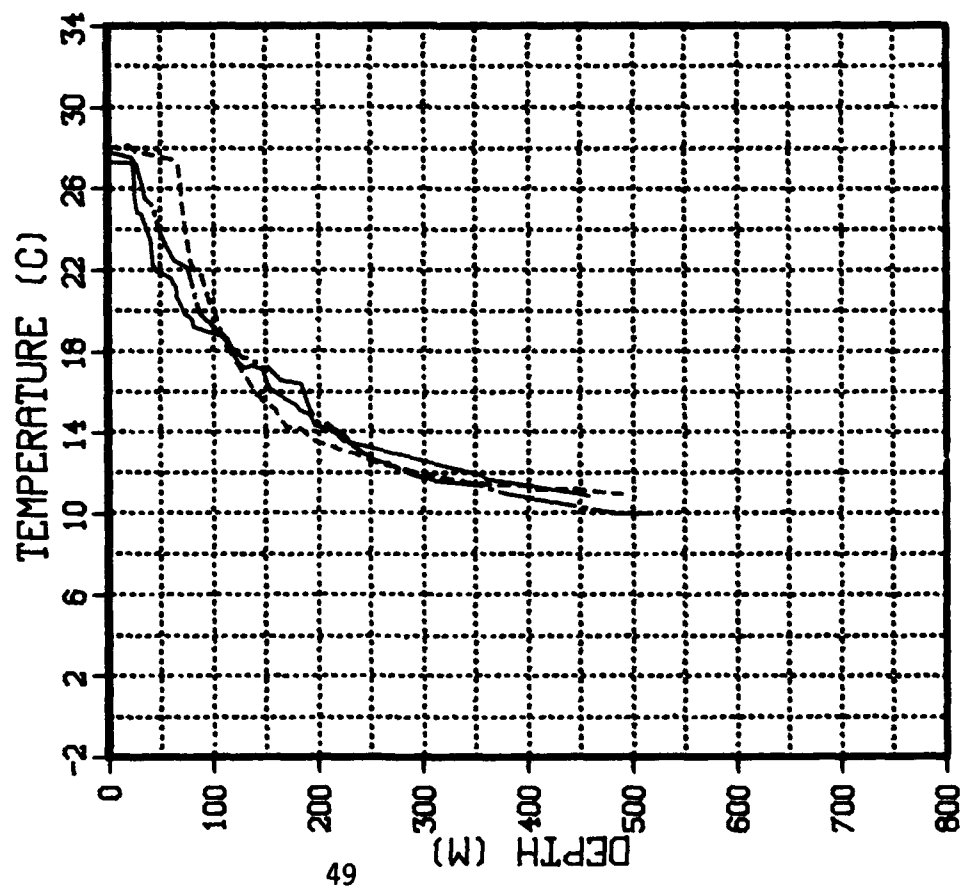


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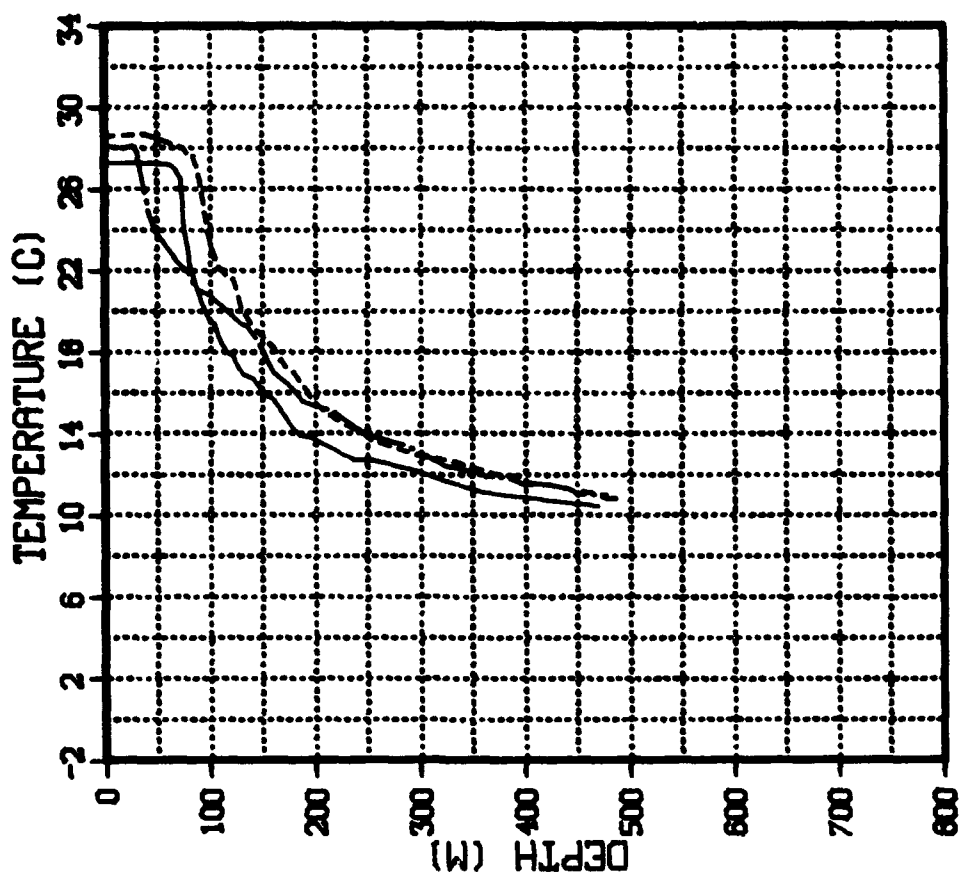


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CEYLON B 8

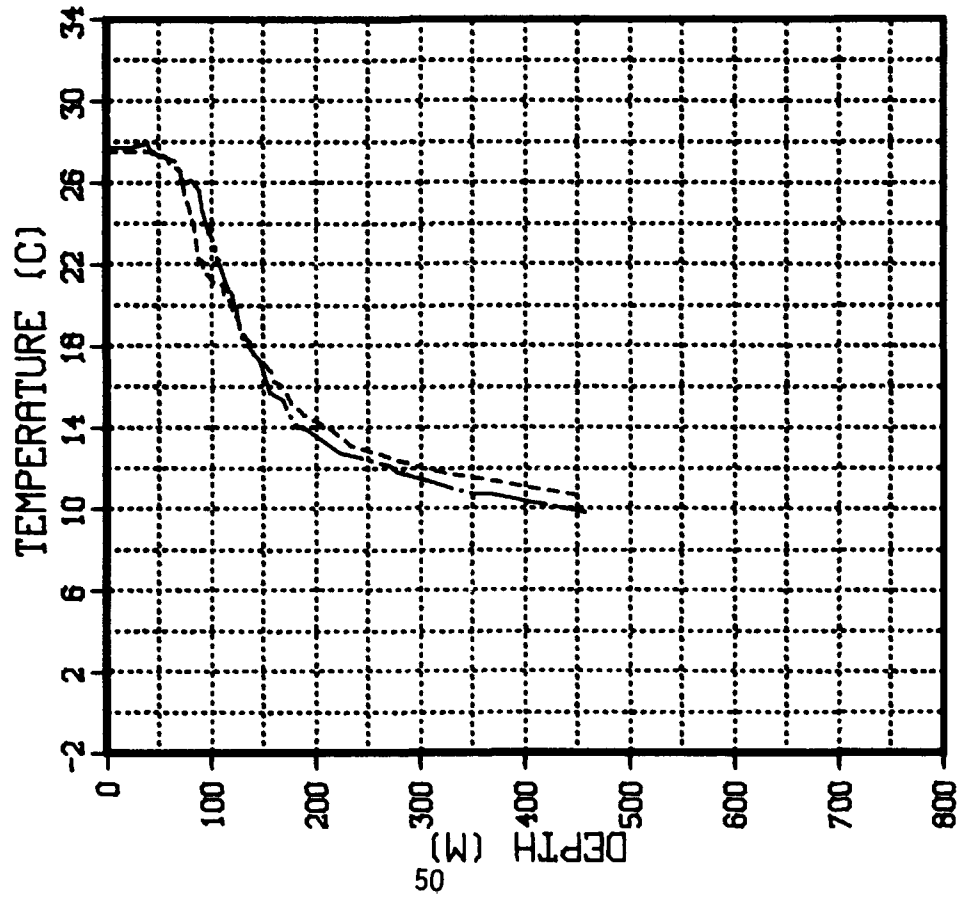


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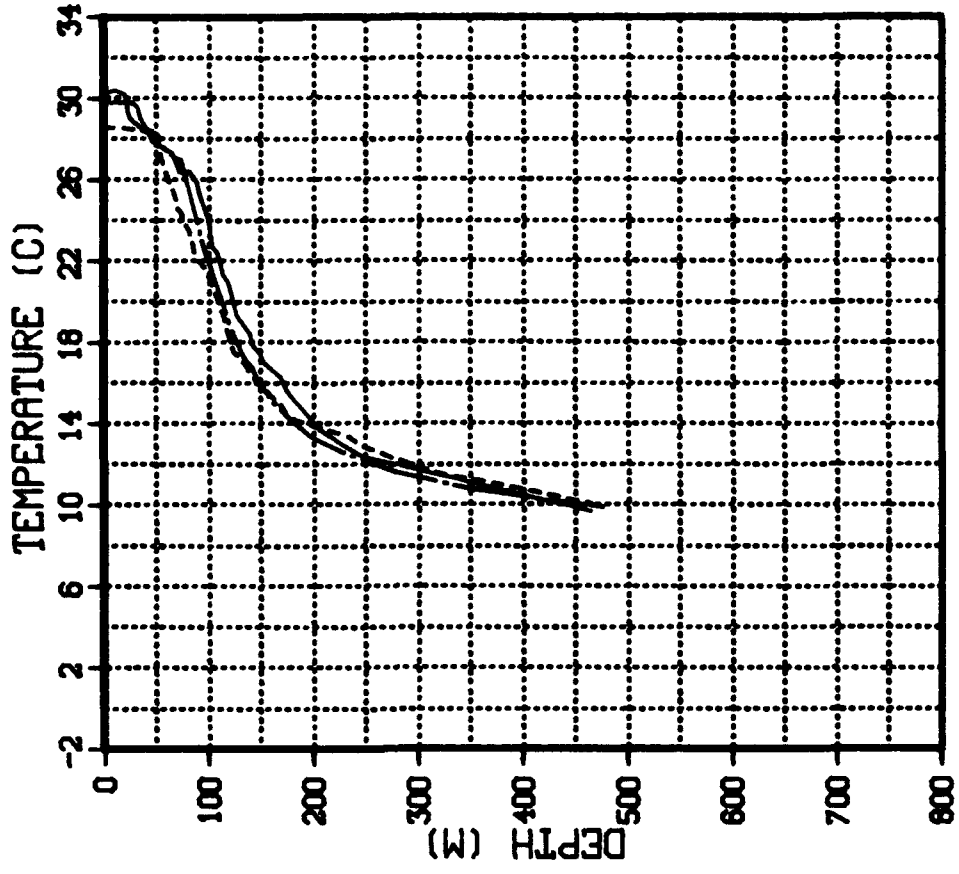


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NORTH INDIAN COLD B 9

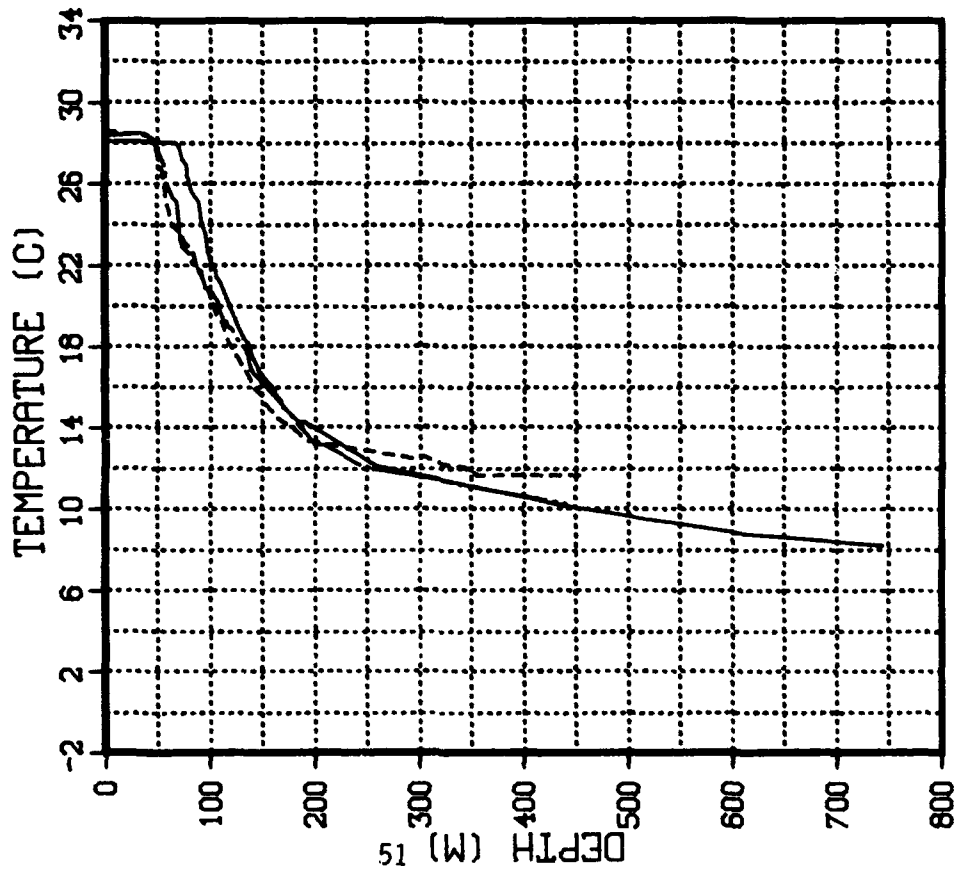


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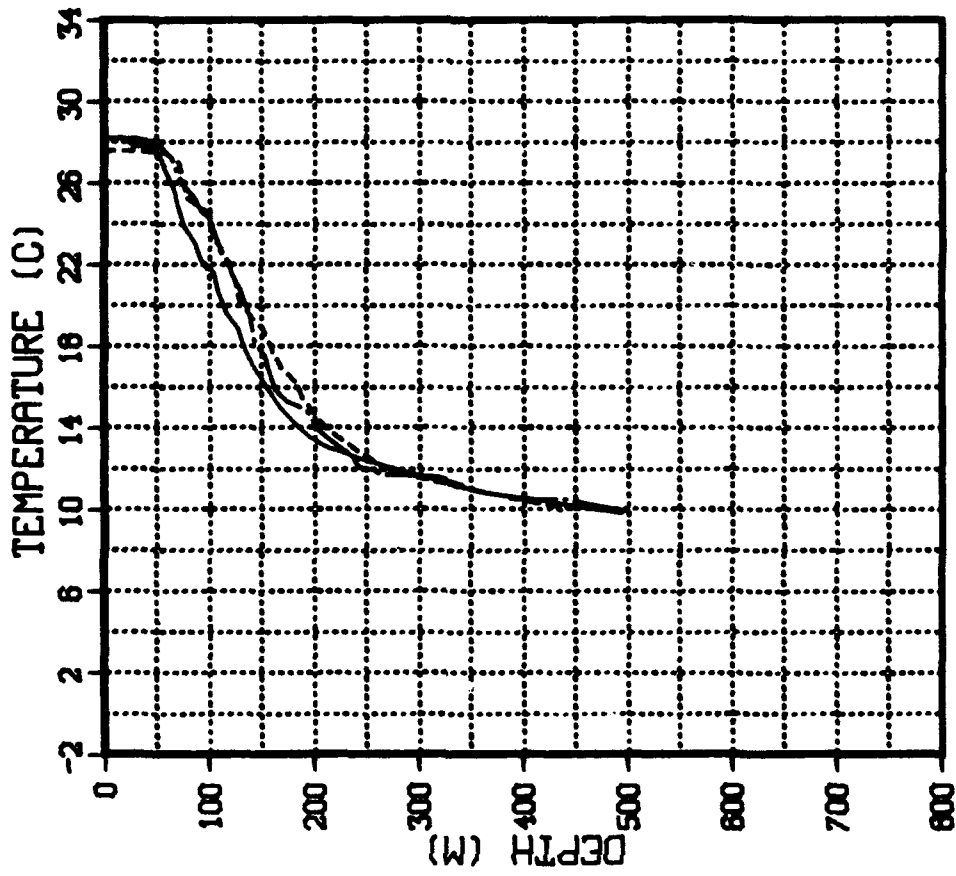


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NORTH INDIAN COLD B 9

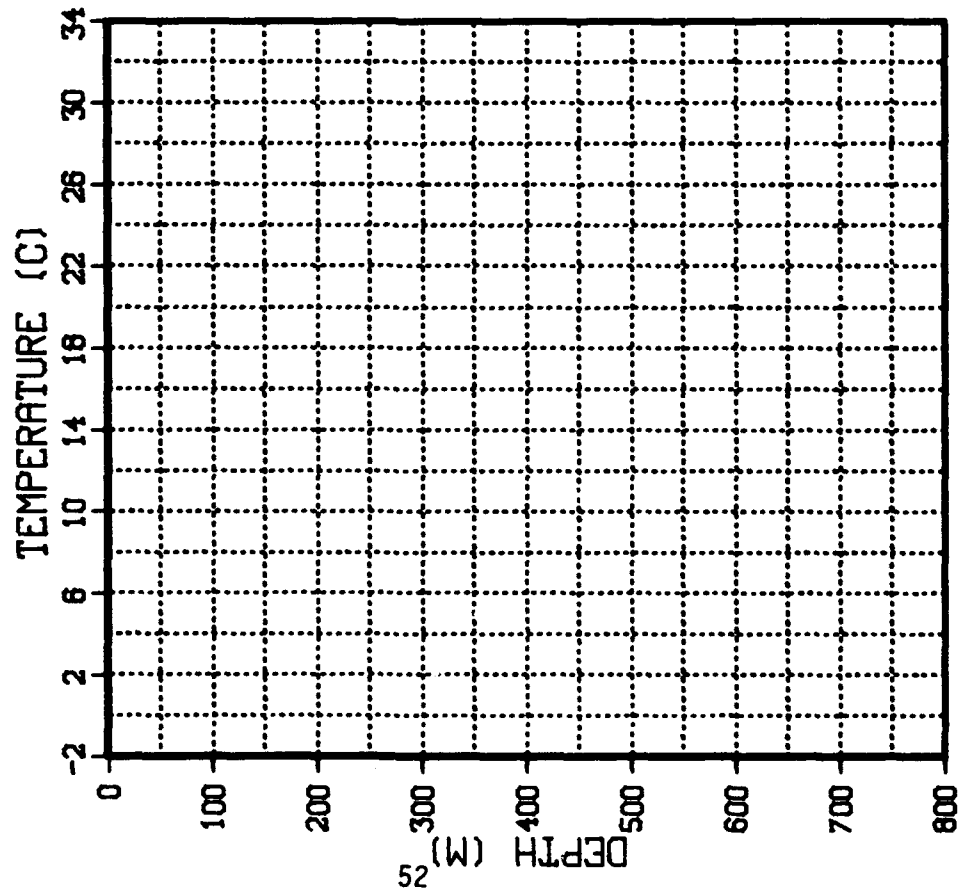


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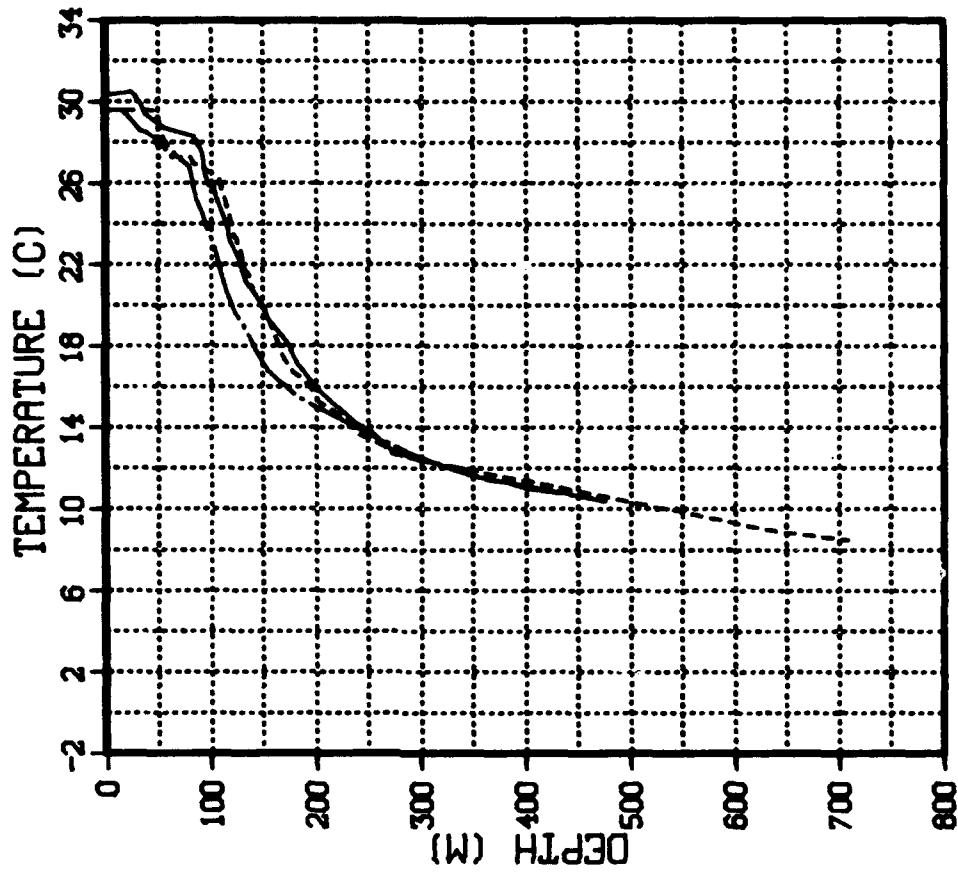


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NORTH INDIAN WARM B 9

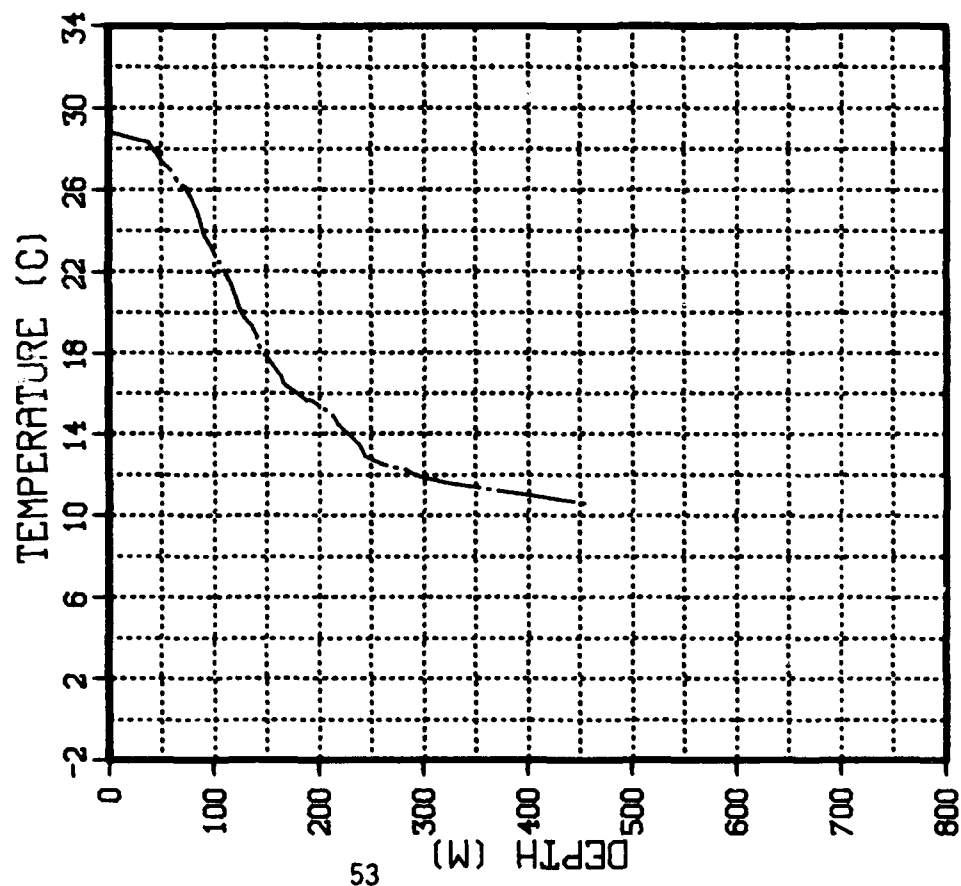


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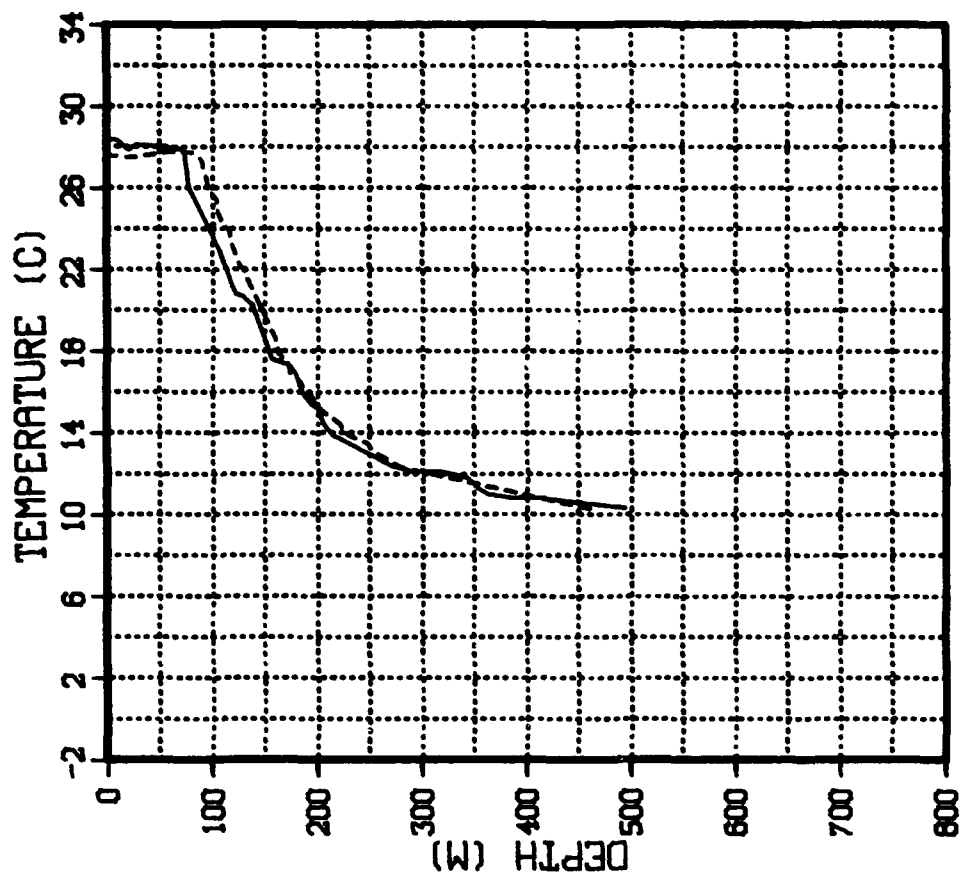


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NORTH INDIAN WARM B 9

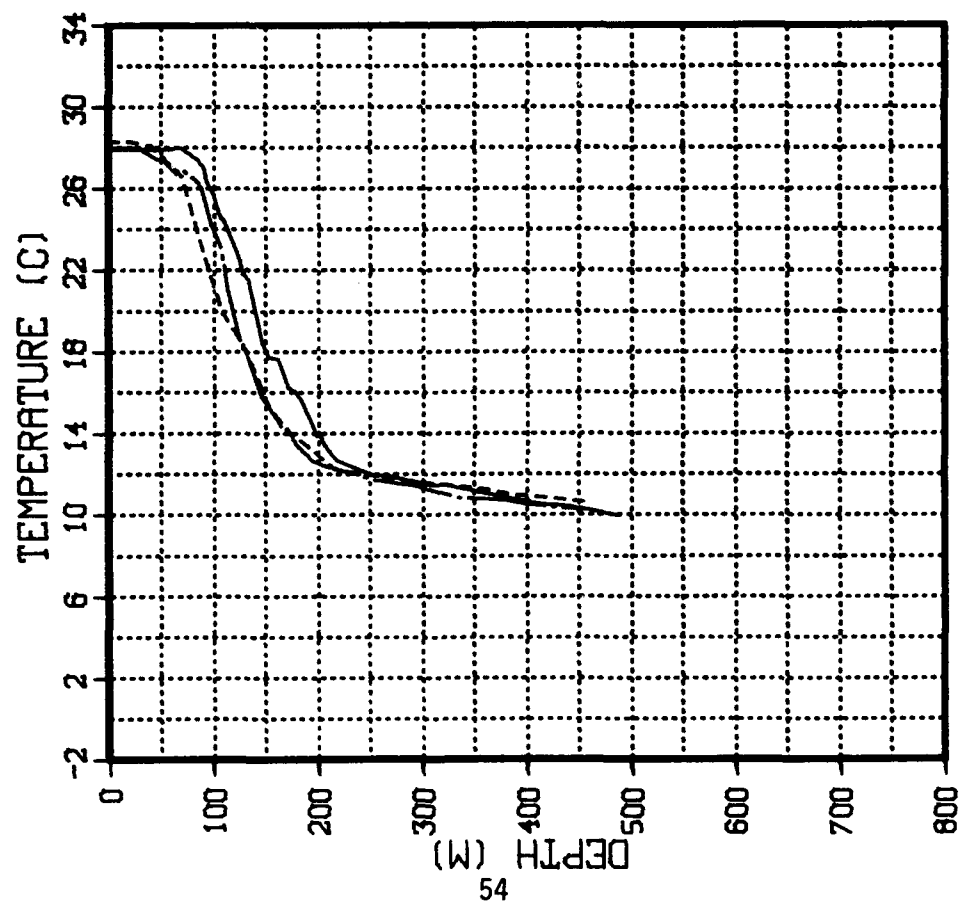


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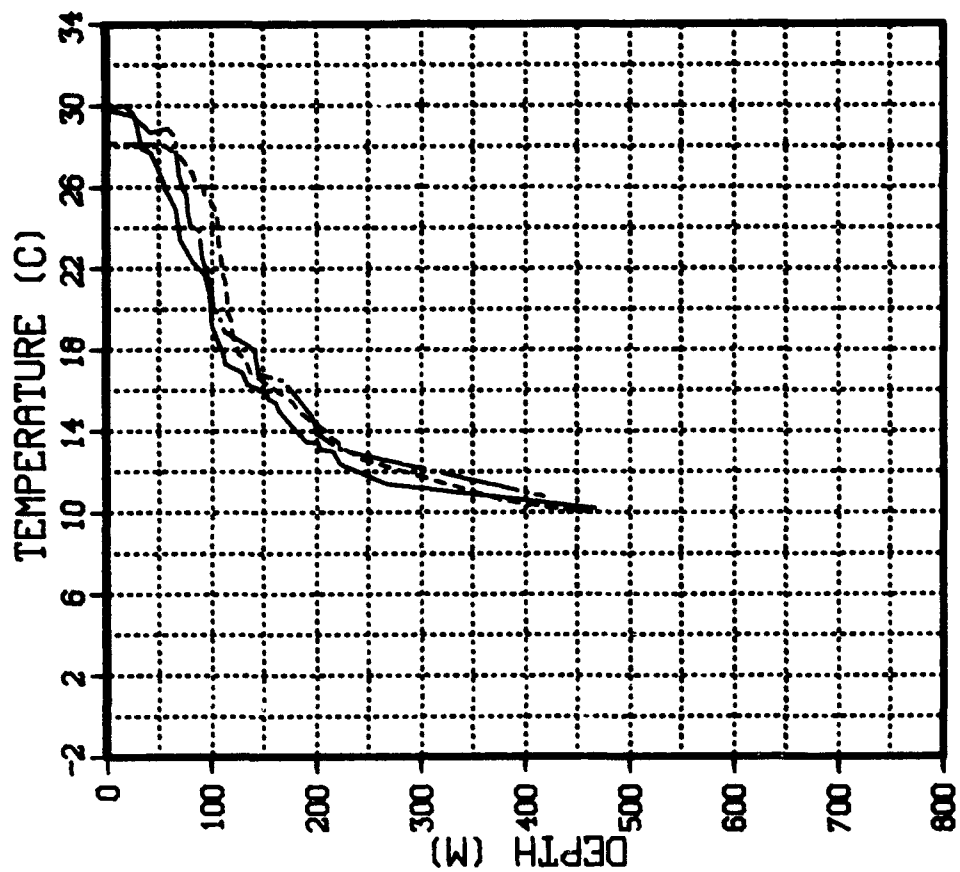


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ANDAMAN B10

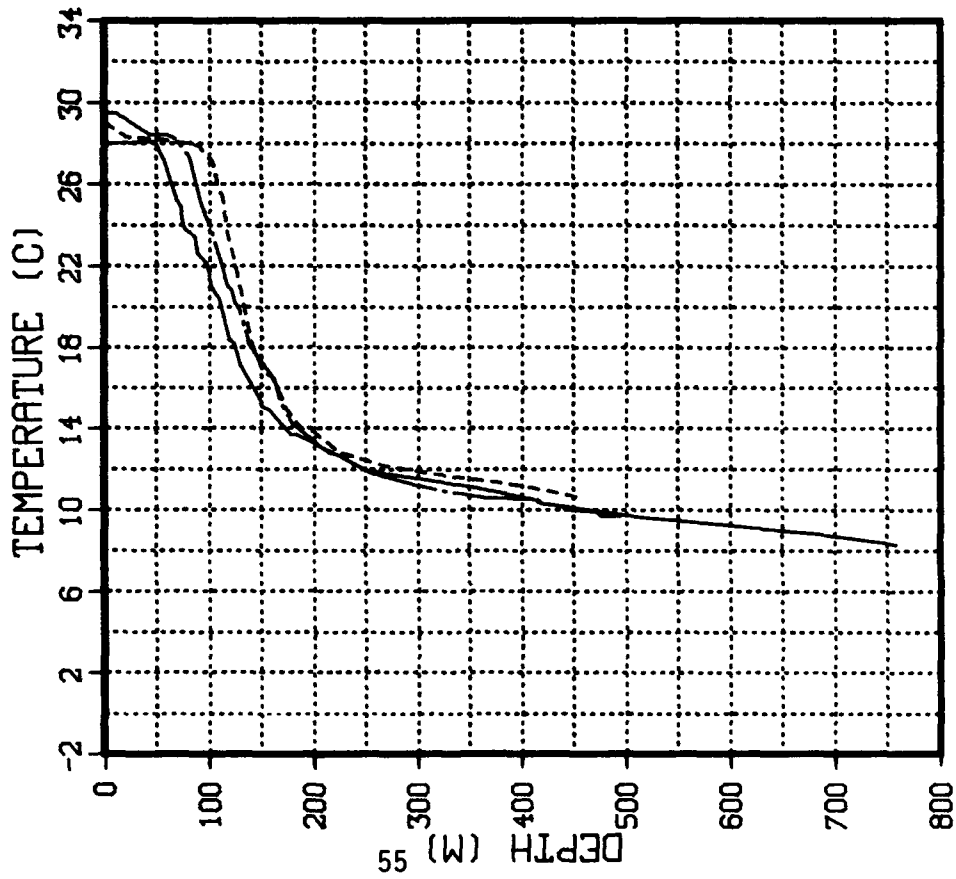


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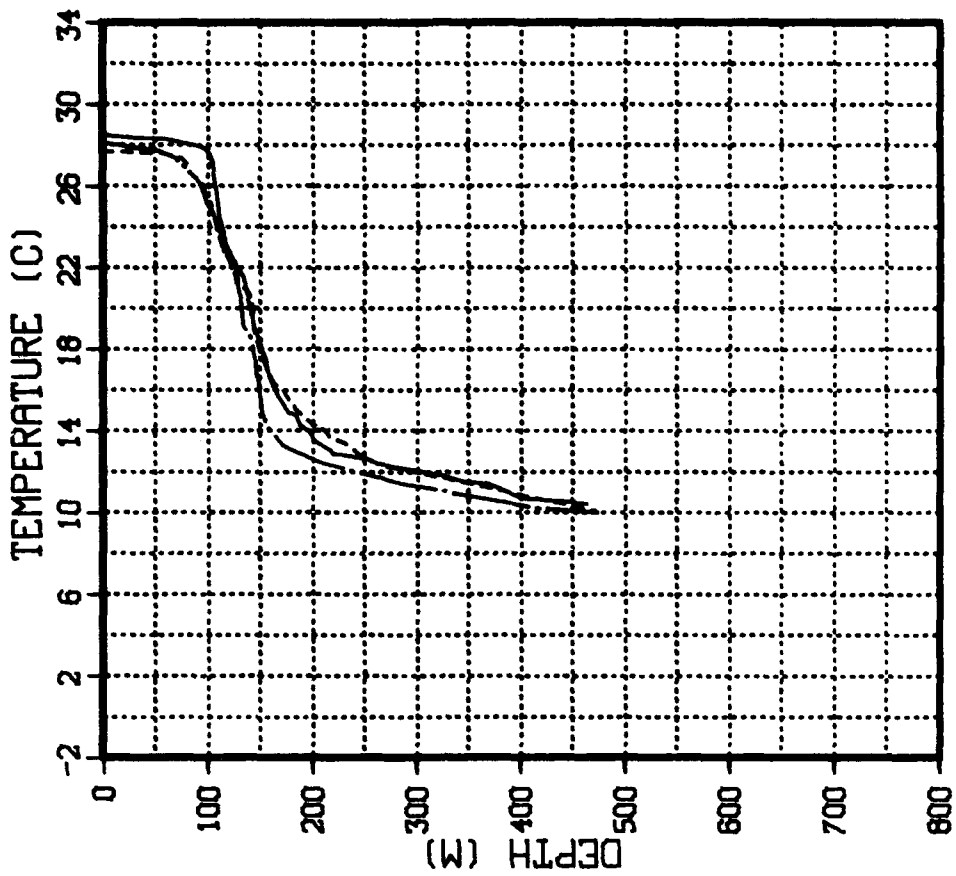


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ANDAMAN B10

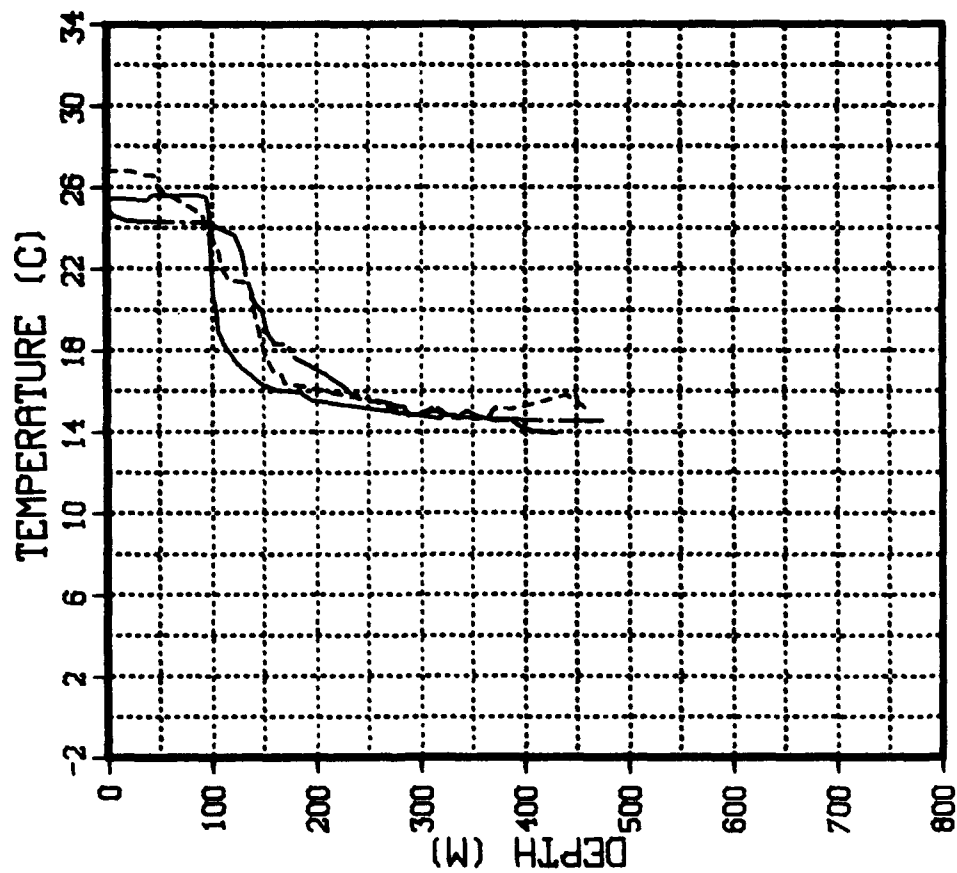


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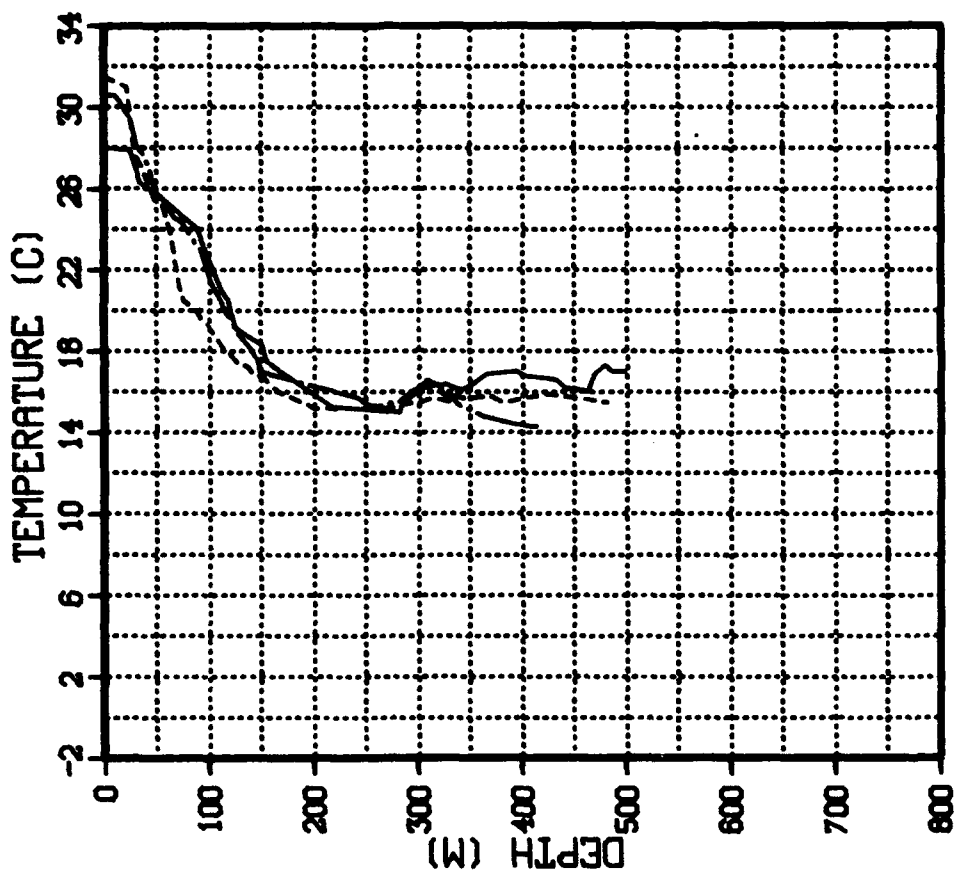


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WEST ADEN B11

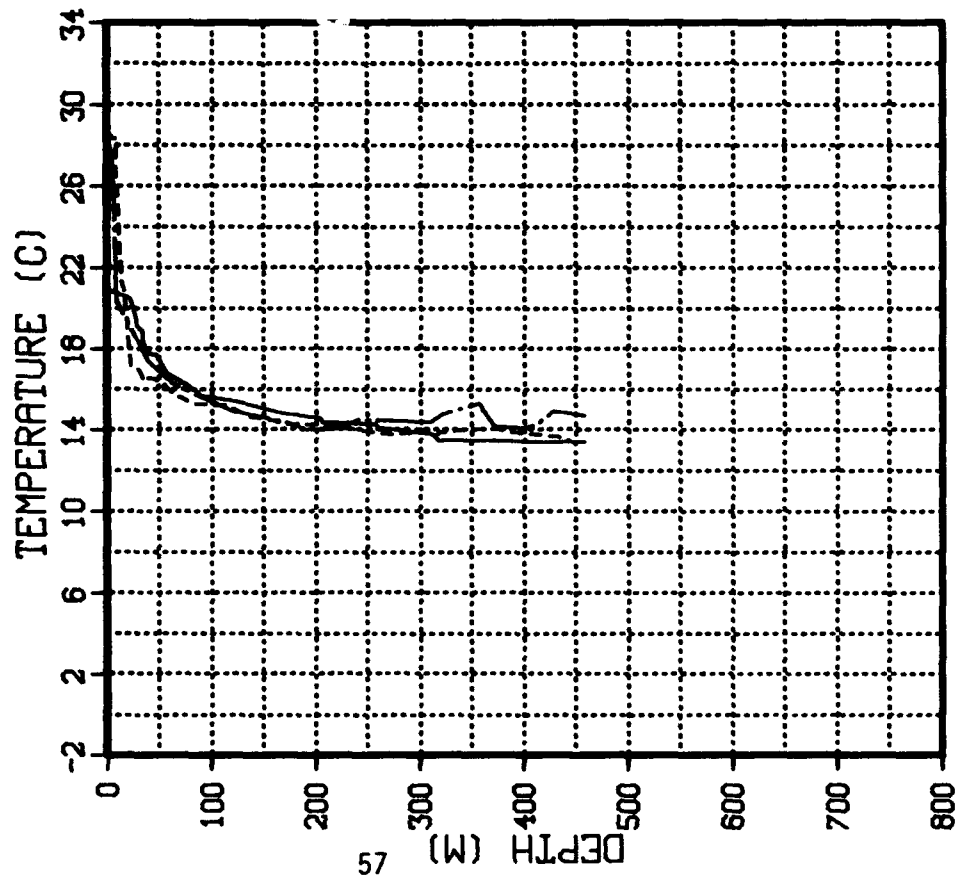


JAN, FEB, MAR

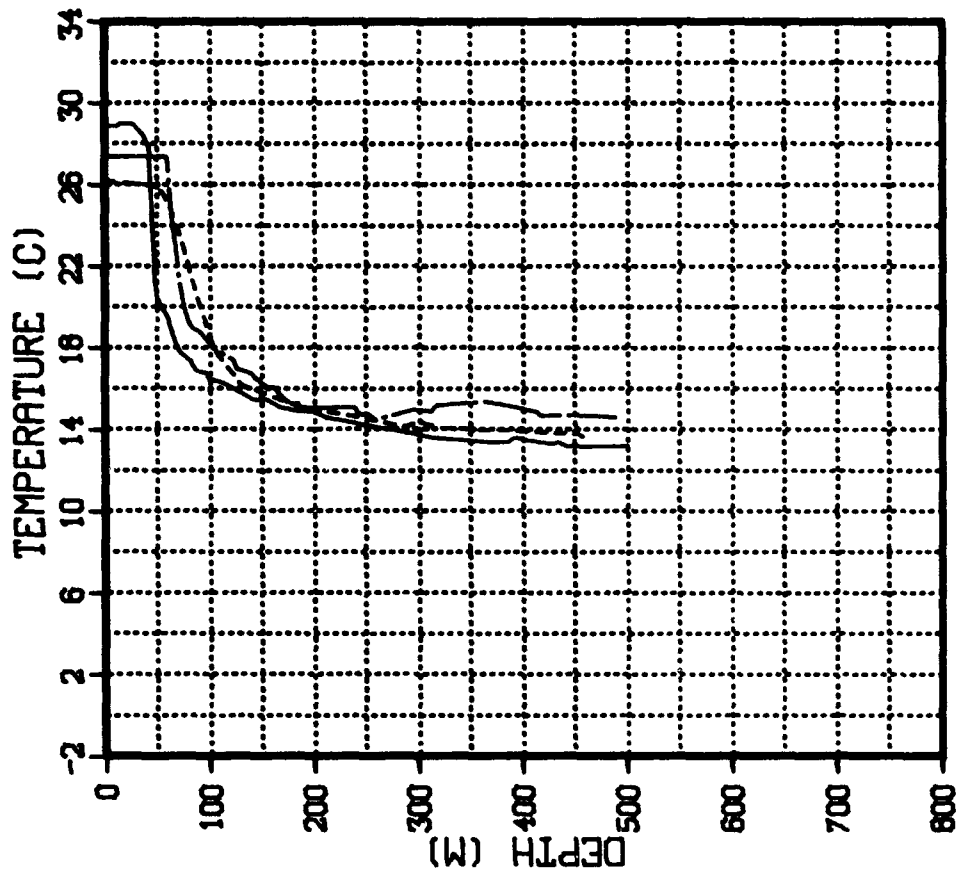


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WEST ADEN B11

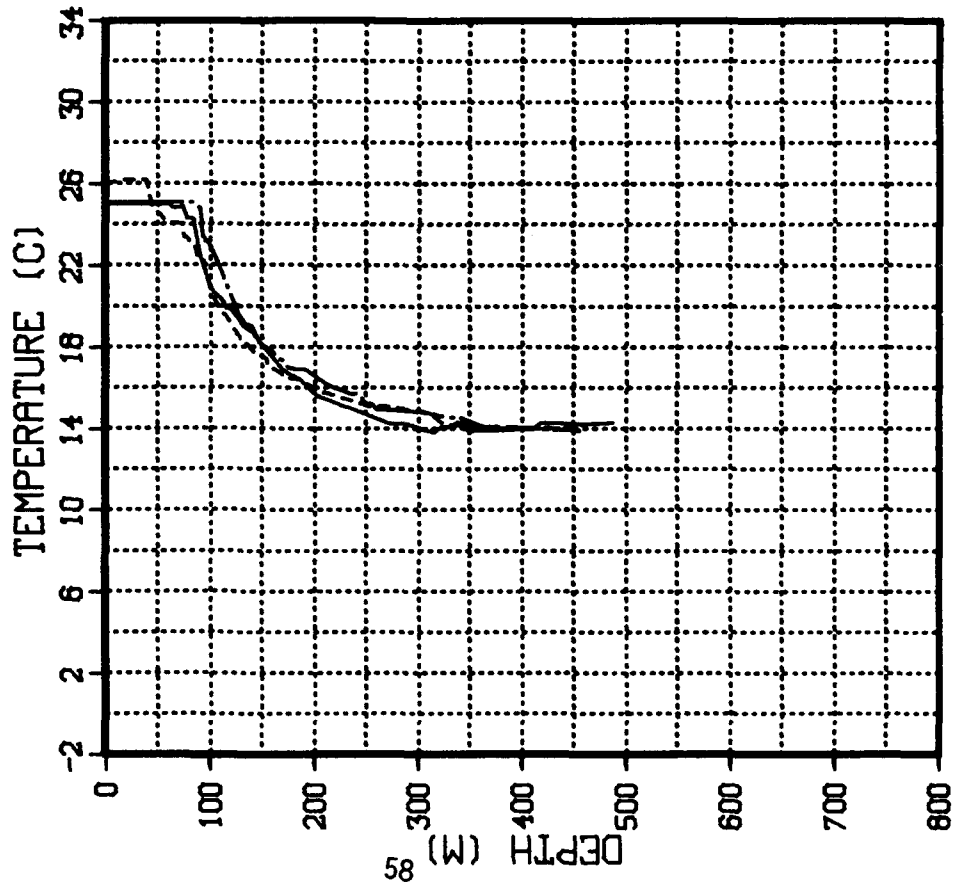


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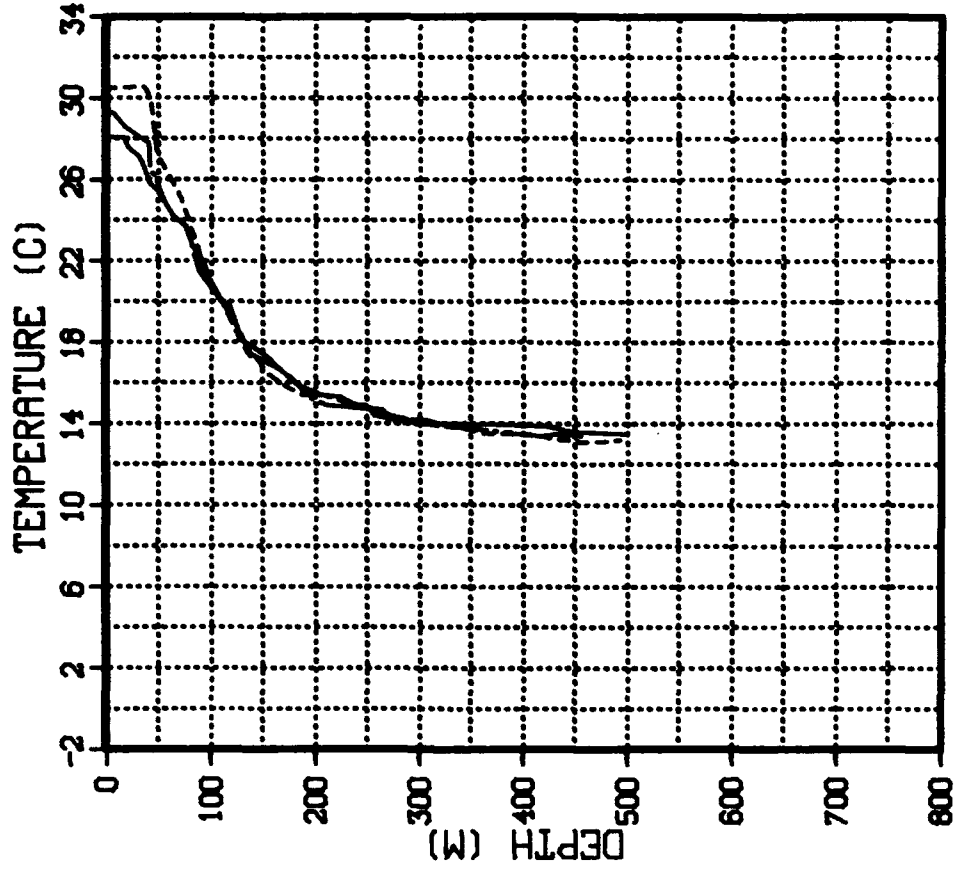


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EAST ADEN B12

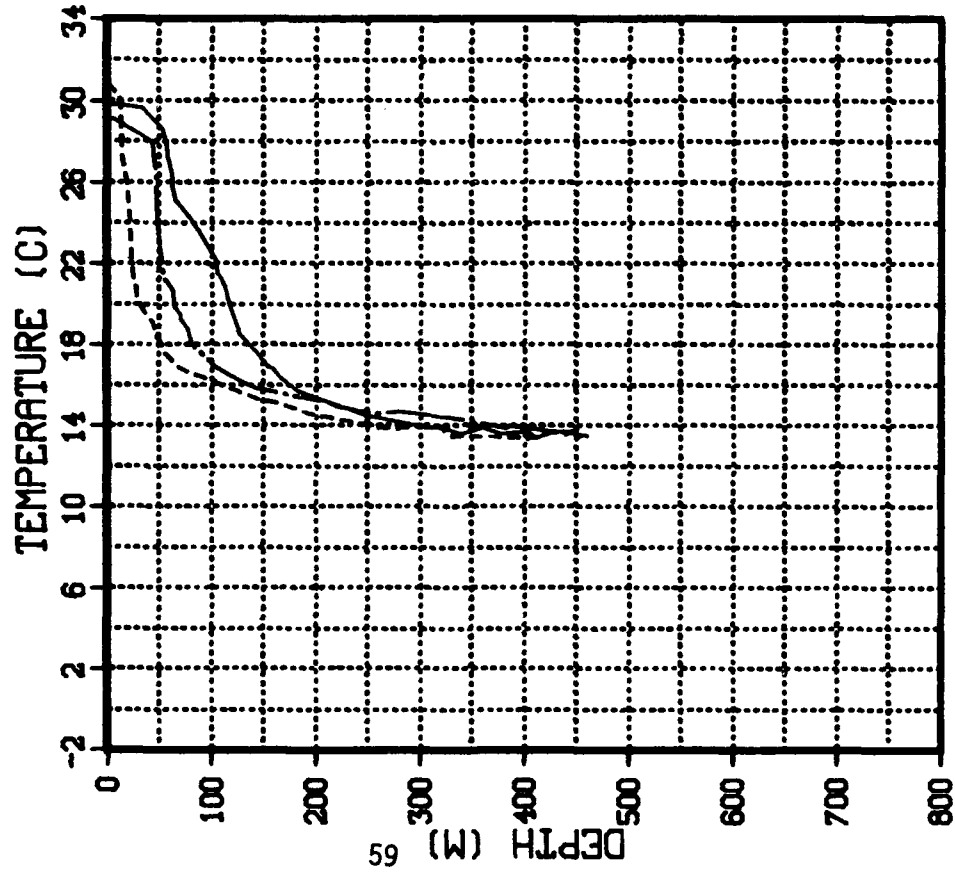


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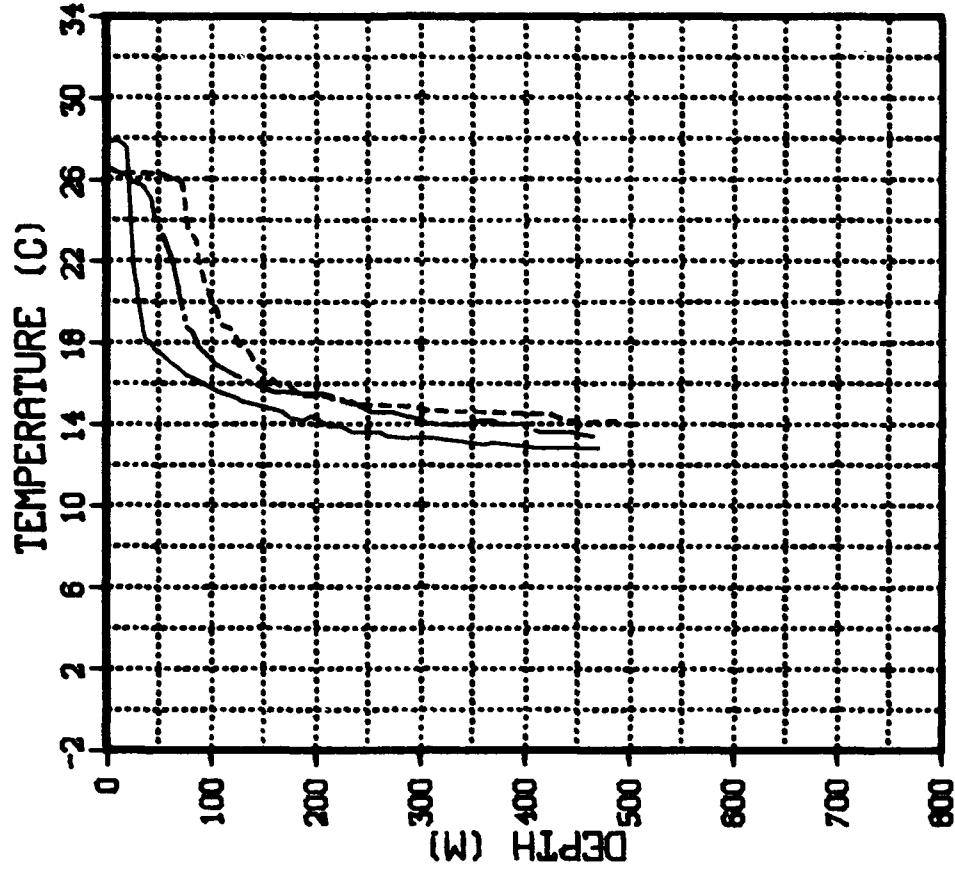


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EAST ADEN B12

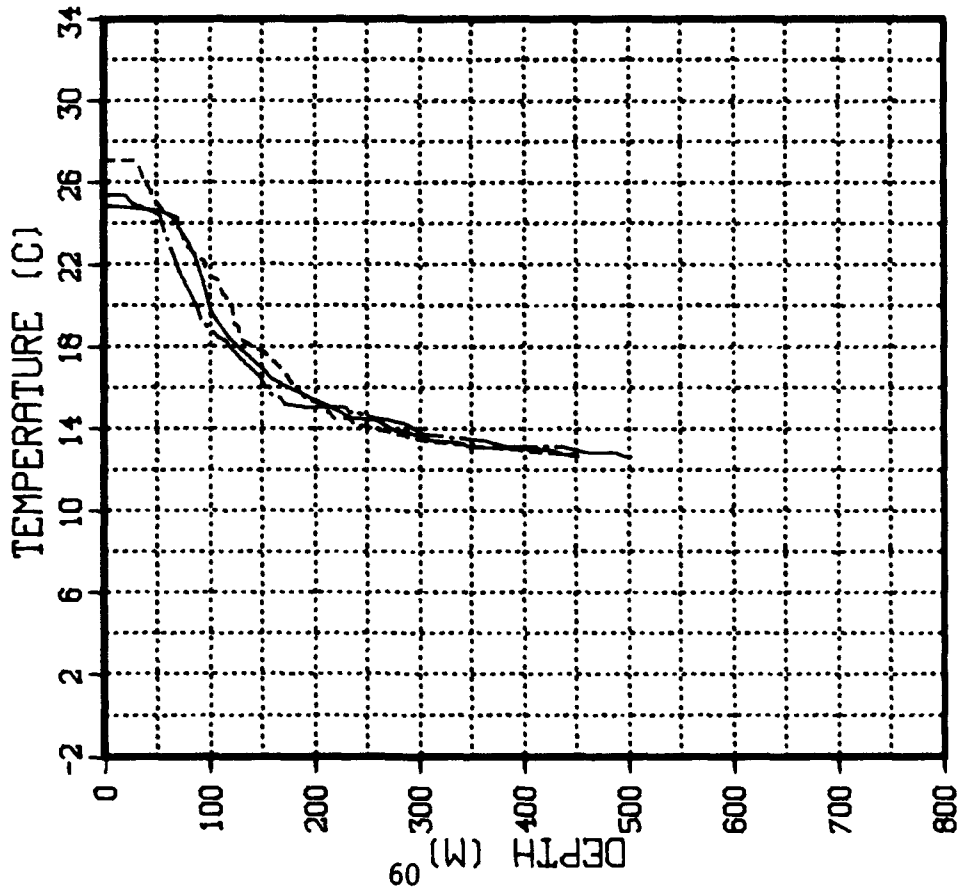


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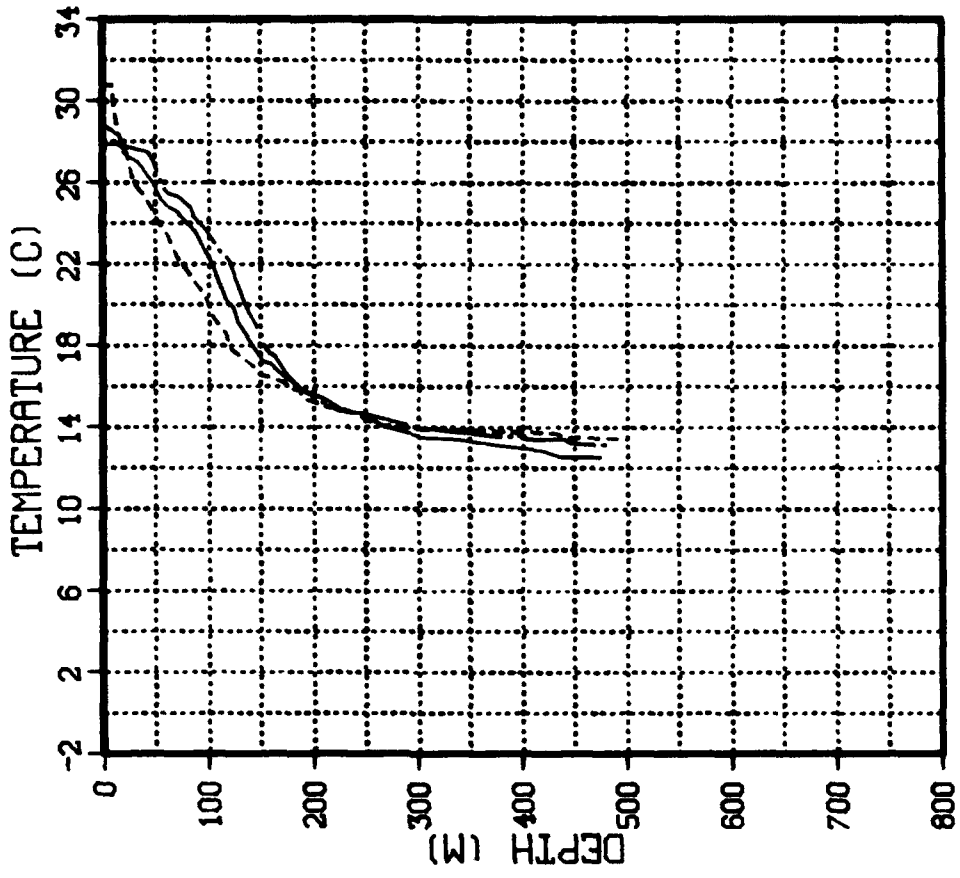


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YEMEN COOL B13

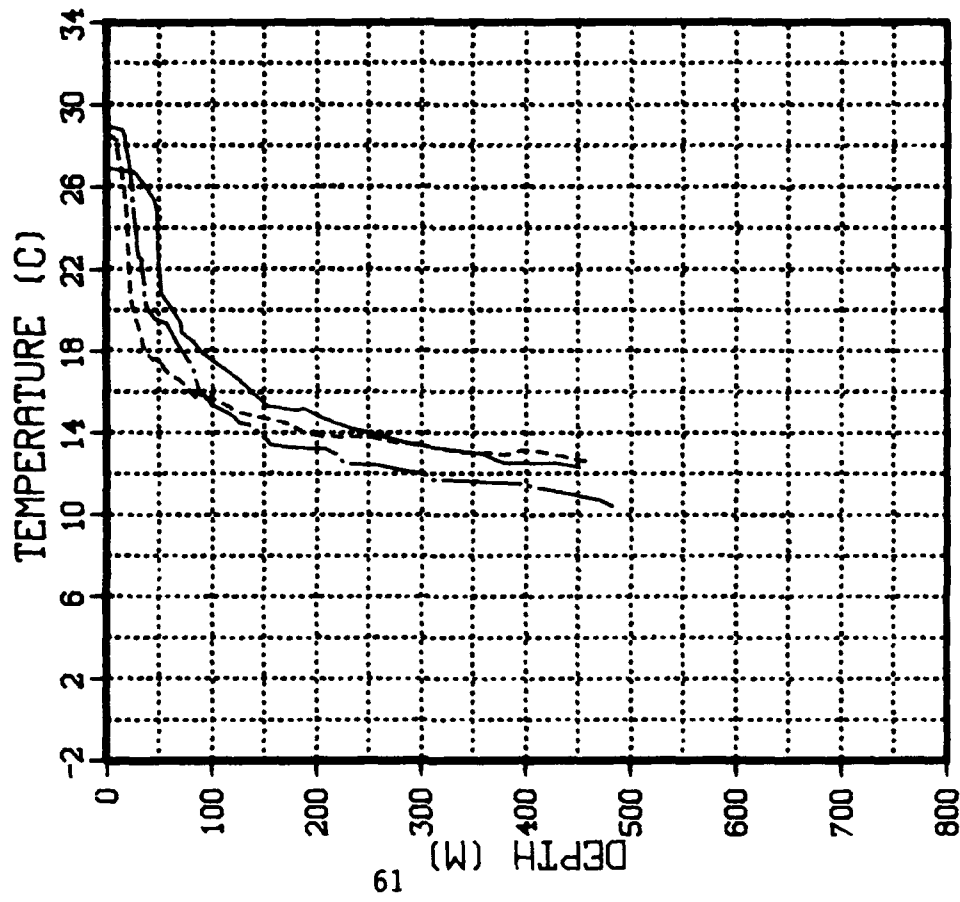


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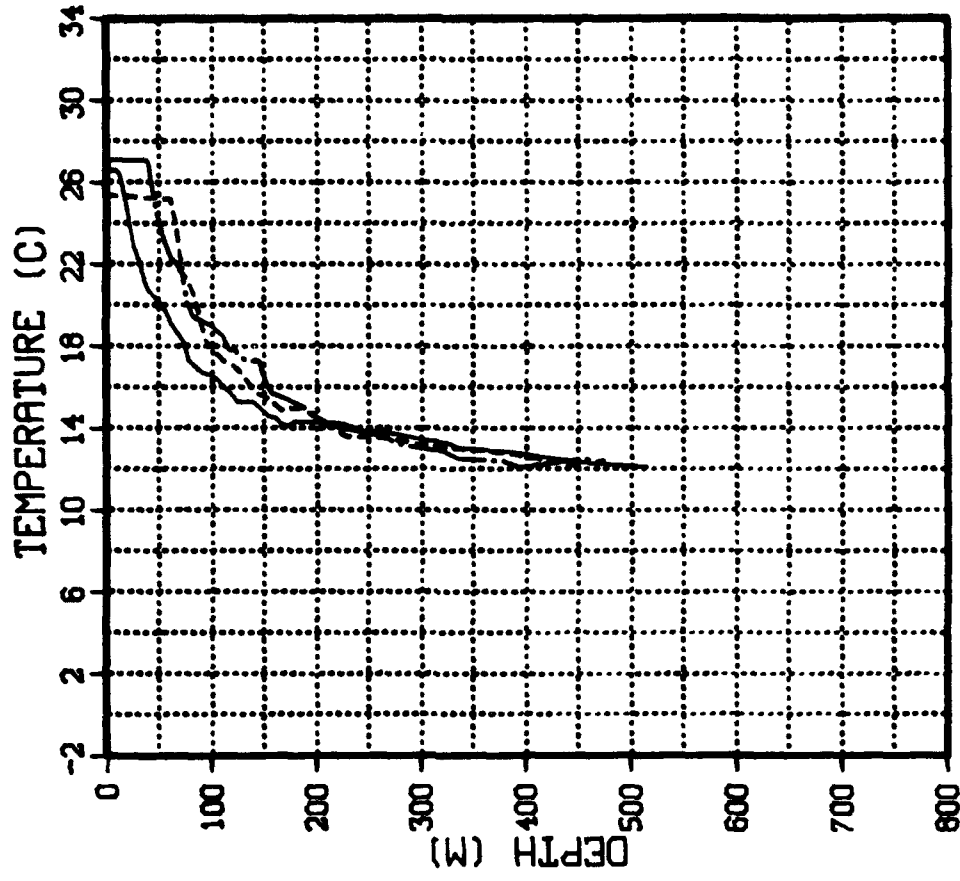


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YEMEN COOL B13

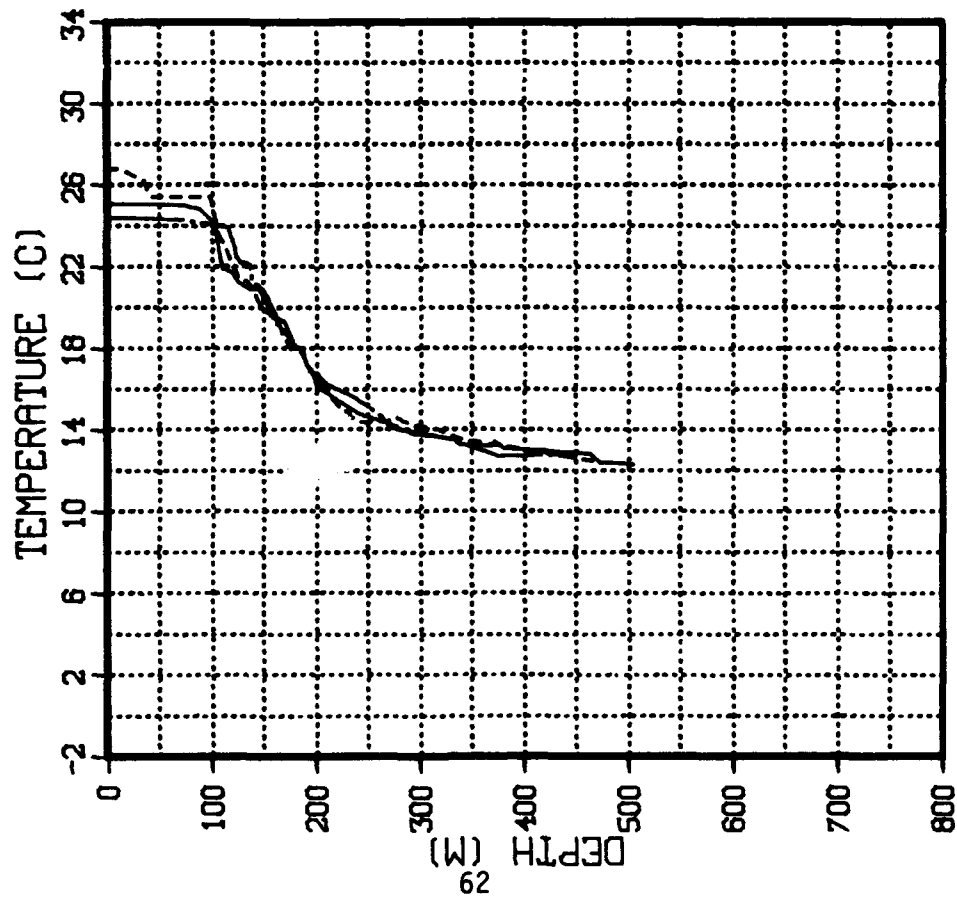


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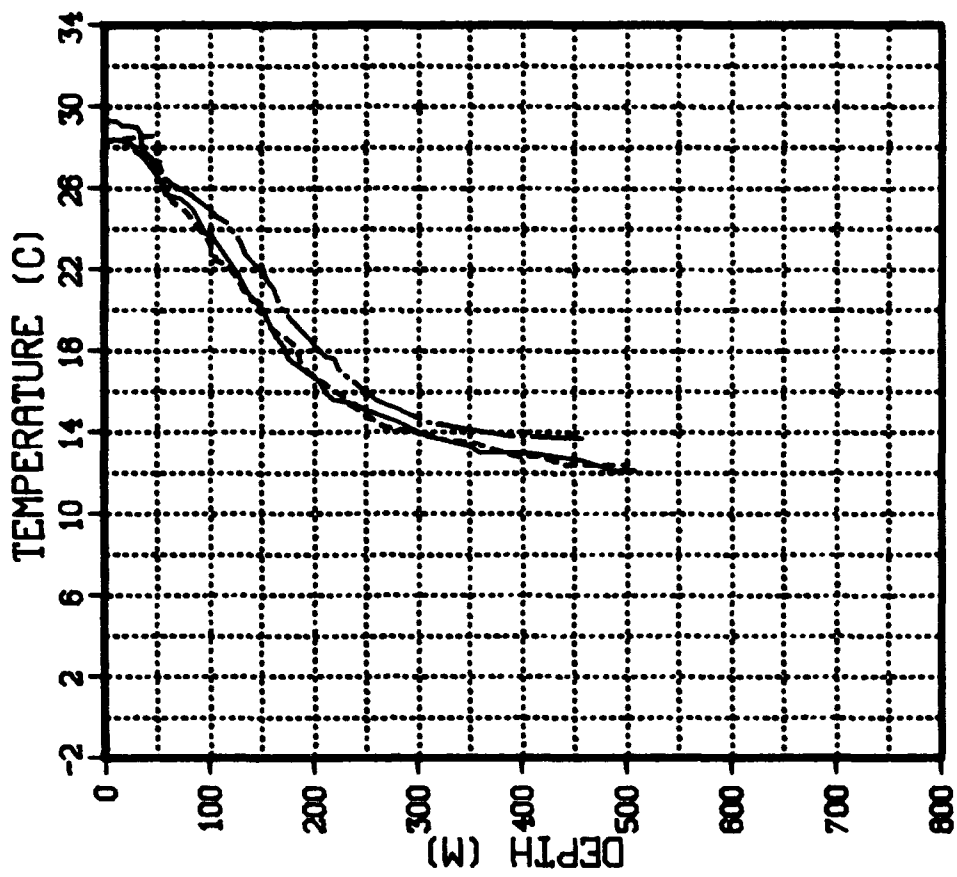


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YEMEN WARM B13

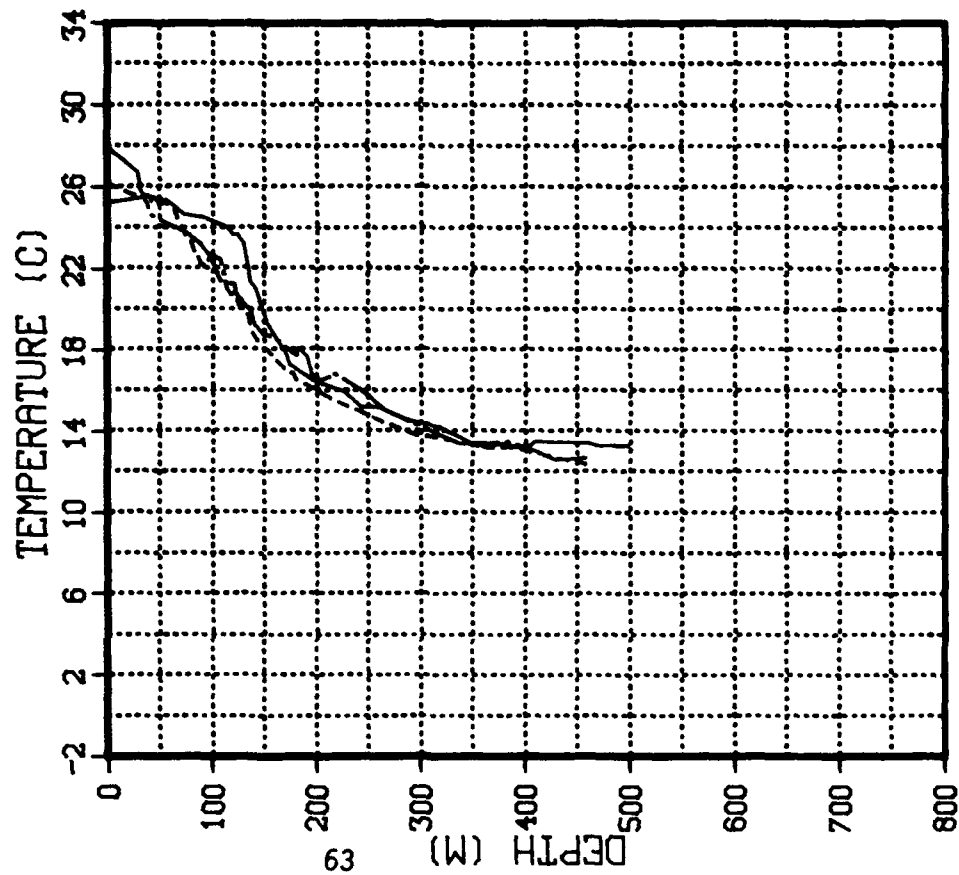


JAN, FEB, MAR

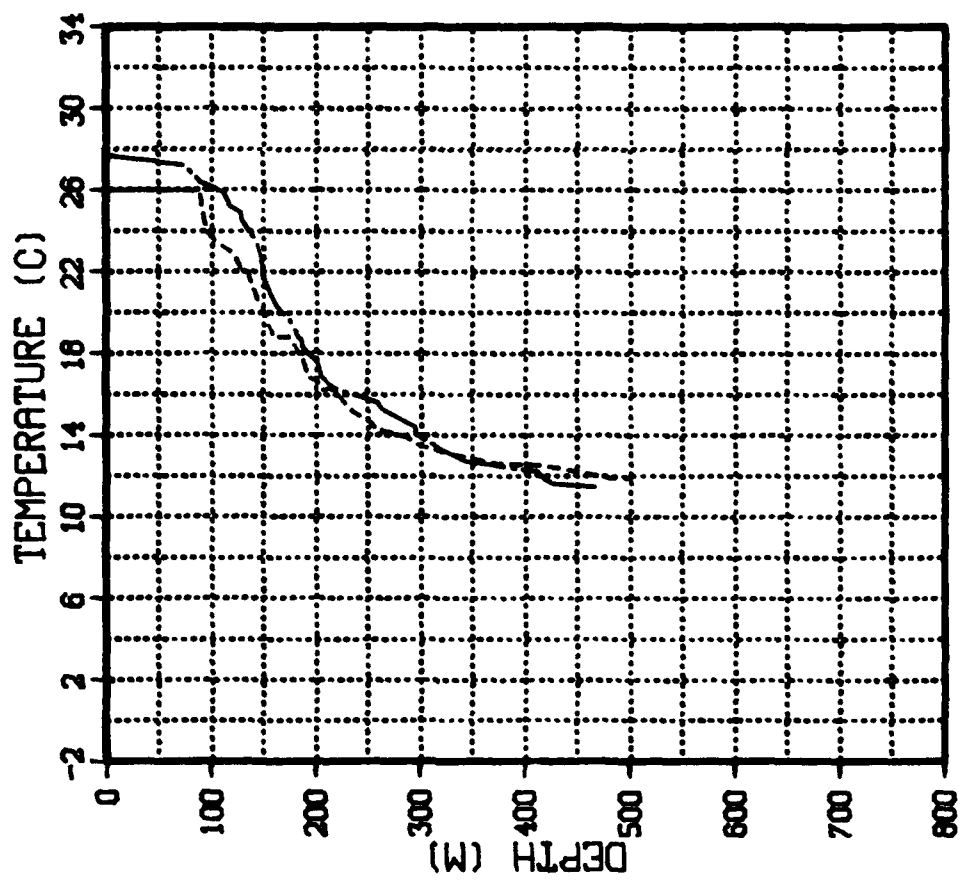


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YEMEN WARM B13

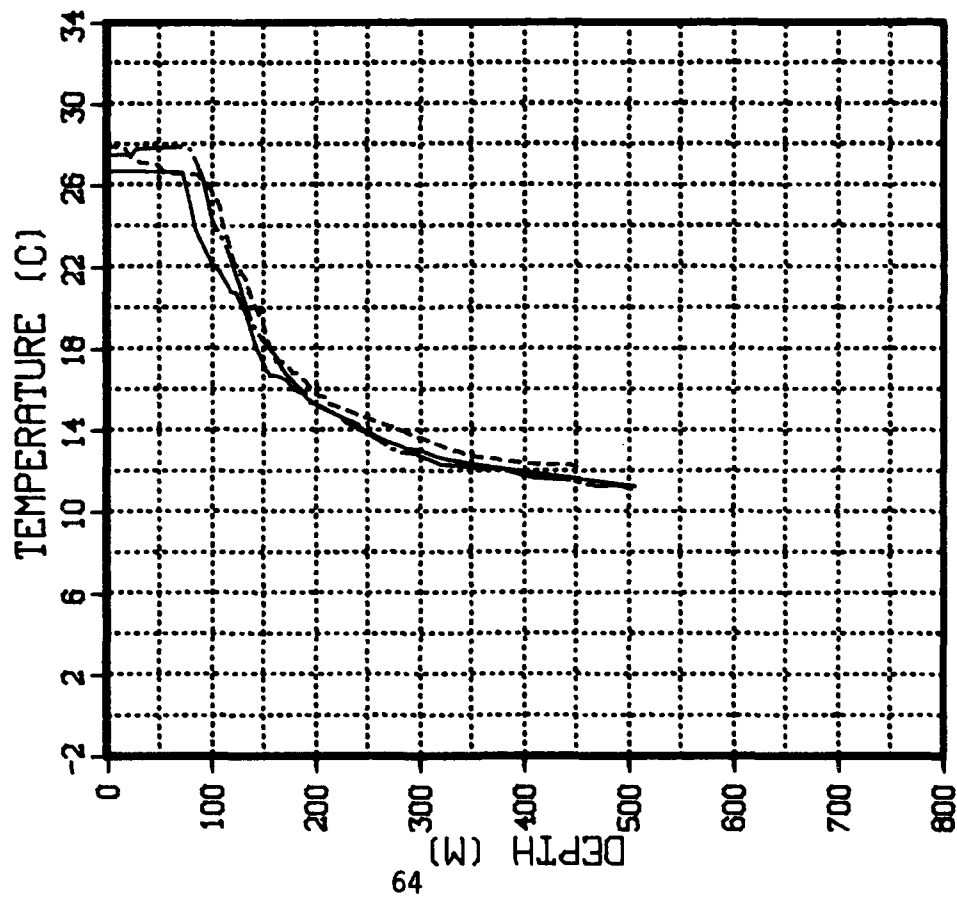


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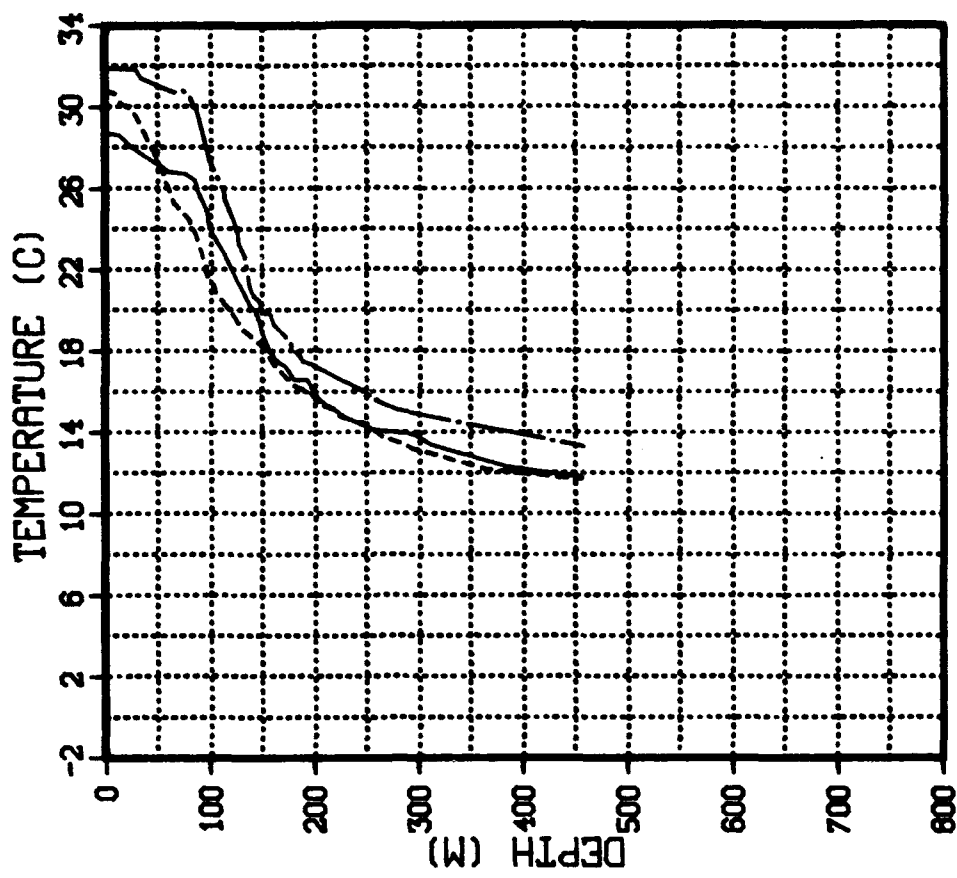


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ARABIAN B14

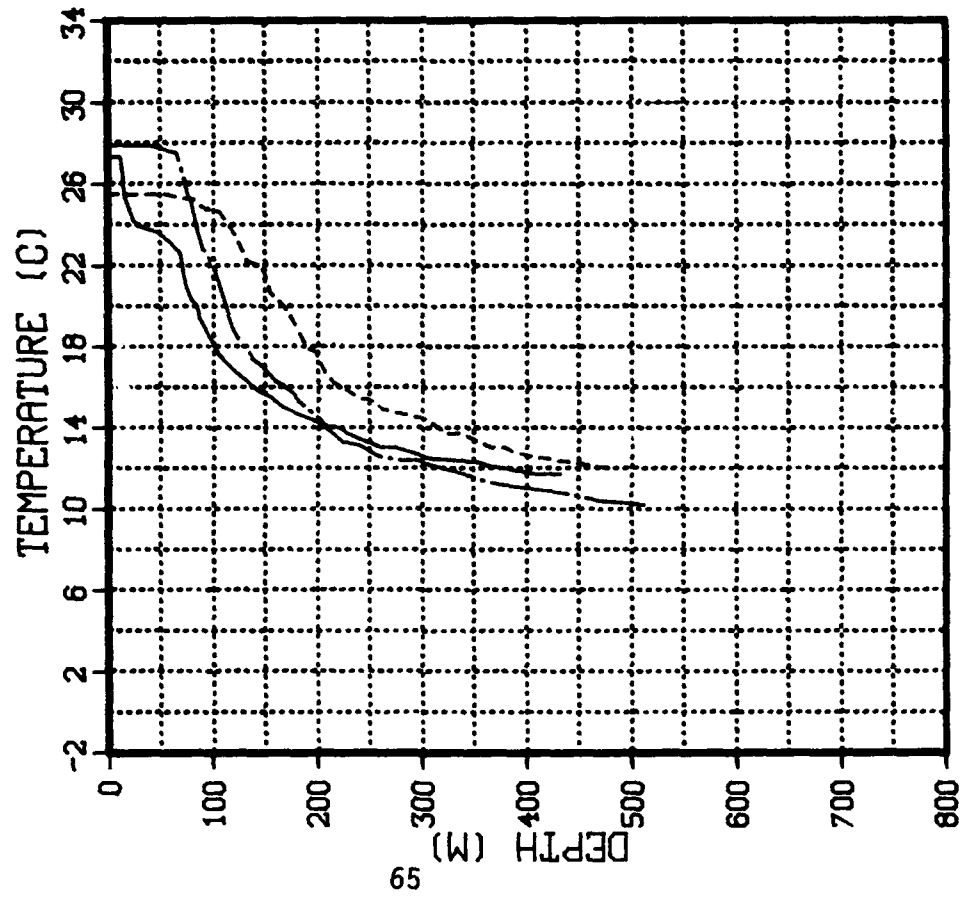


JAN, FEB, MAR

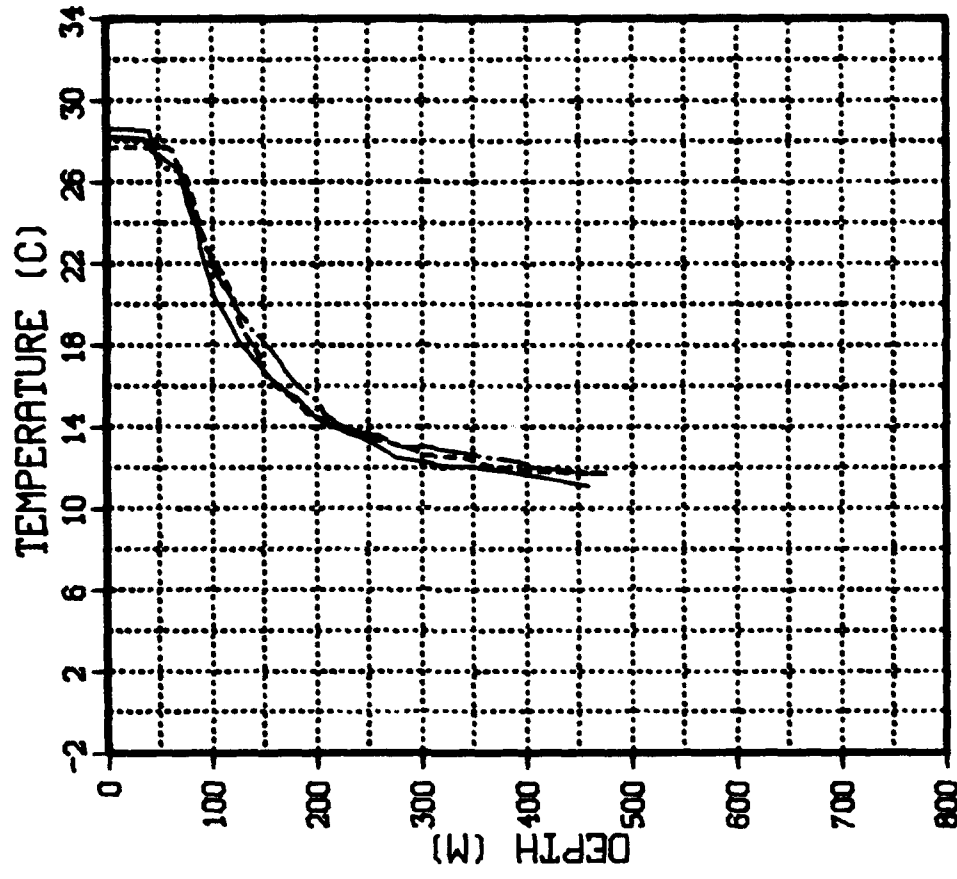


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ARABIAN B14



JUL, AUG, SEP

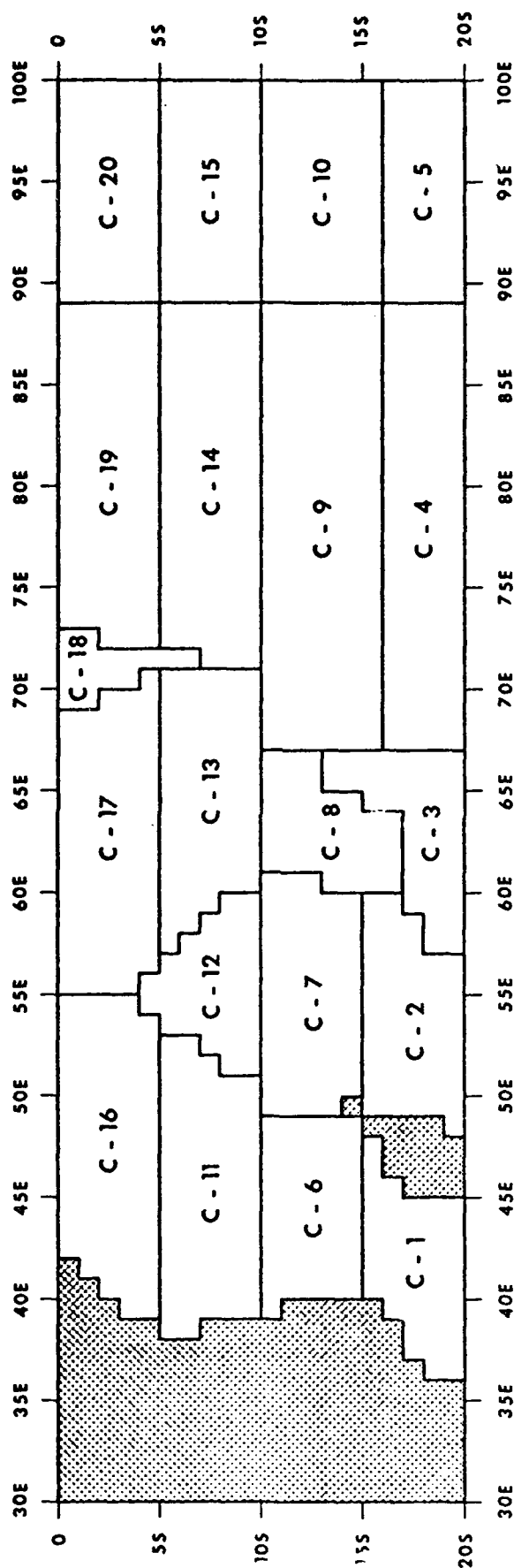


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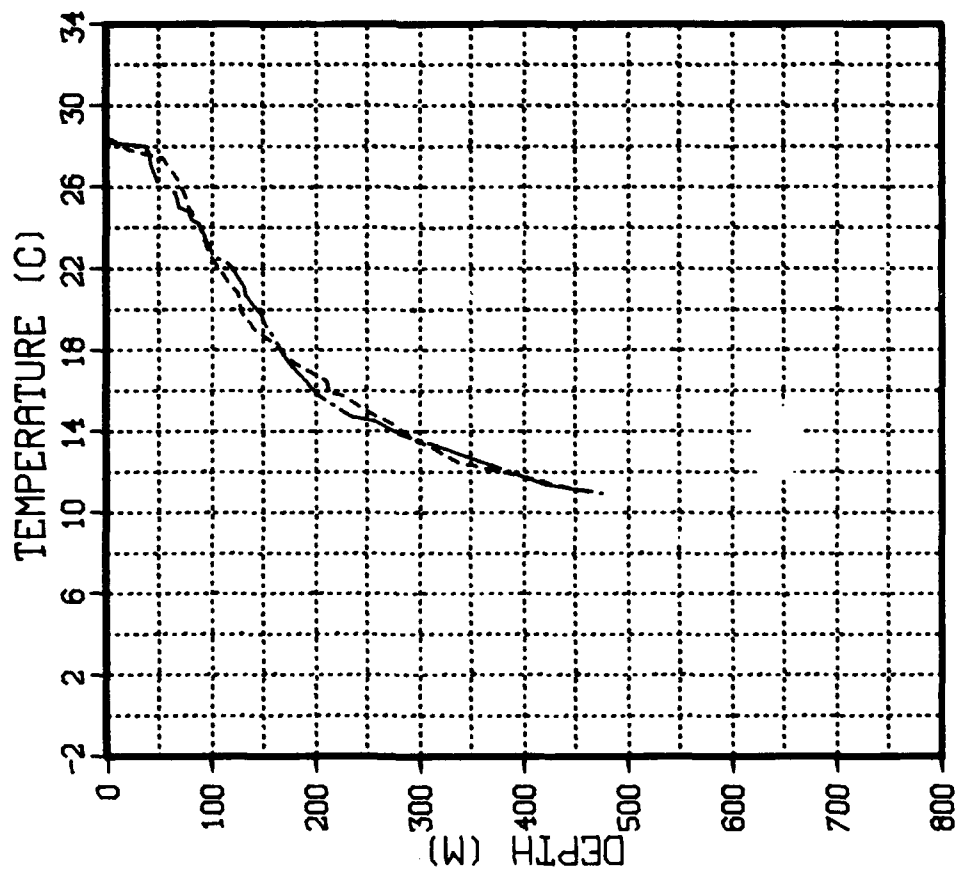
INDIAN AREA C

Region	Water Mass Name	T200 (°C)		DT (°C)		Position	Region	Water Mass Name	T200 (°C)		DT (°C)		Position
		Min	Max	Min	Max				Min	Max	Min	Max	
C1	S. MOZAMBIQUE COLD	11	17			1	C11	W. SOMALI	11	18			1
	S. MOZAMBIQUE WARM	17	22			2	C12	N. MASCARENE	11	18			1
C2	S. MASCARENE	15	22			1	C13	E. SOMALI	11	18			1
C3	MAURITIUS	14	22			1	C14	MID-INDIAN	11	18			1
C4	S. INDIAN	15	22			1	C15	E. INDIAN COLD E. INDIAN WARM	10 14	14 20			1 2
C5	S. WHARTON	14	21			1	C16	N.W. SOMALI	10	18			1
C6	N. MOZAMBIQUE COLD	13	17			1	C17	N.W. SOMALI	10	18			1
	N. MOZAMBIQUE WARM	17	23			2	C18	ARABIAN	12	18			1
C7	CENTRAL MASCARENE COLD	10	15			1	C19	MID-INDIAN COLD MID-INDIAN WARM	10 14.5	14.5 19.0			1 2
	CENTRAL MASCARENE WARM	15	20			2	C20	E. INDIAN COLD E. INDIAN WARM	10 14	14 20			1 2
C8	S. SOMALI	13	20			1							
C9	S. INDIAN COLD	10	15			1							
	S. INDIAN WARM	15	22			2							
C10	WHARTON COLD	10	15			1							
	WHARTON WARM	15	22			2							

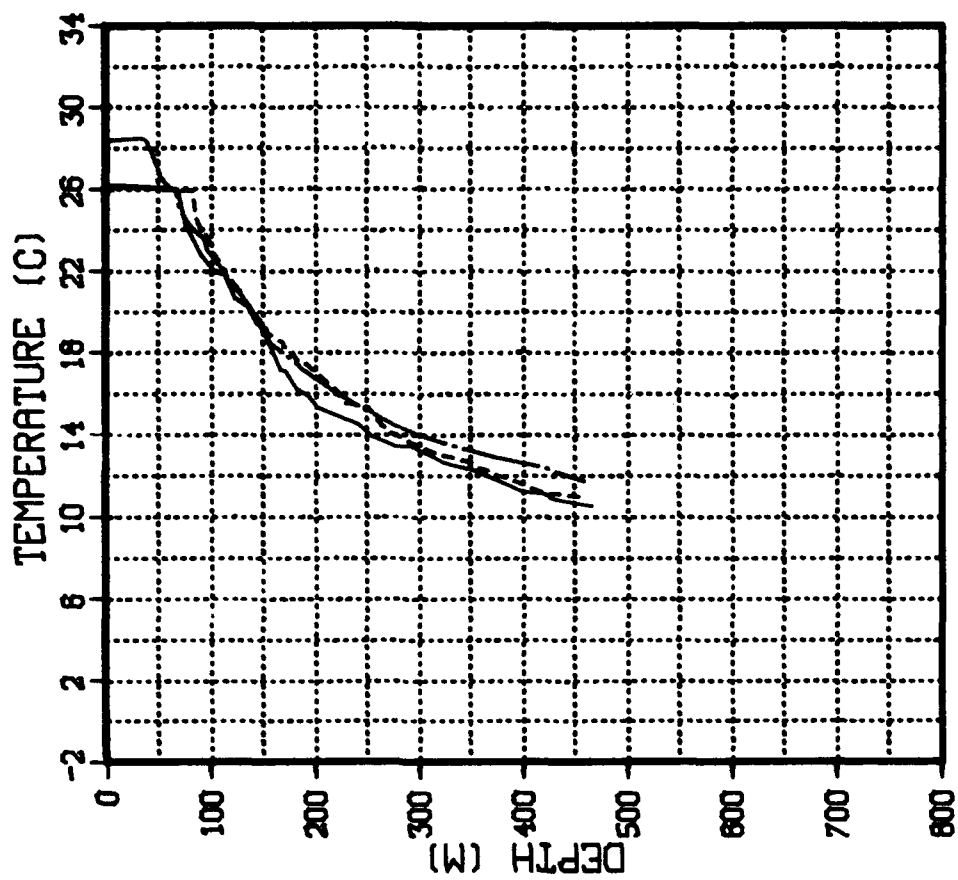
INDIAN AREA C



S MOZAMBIQUE COLD C 1

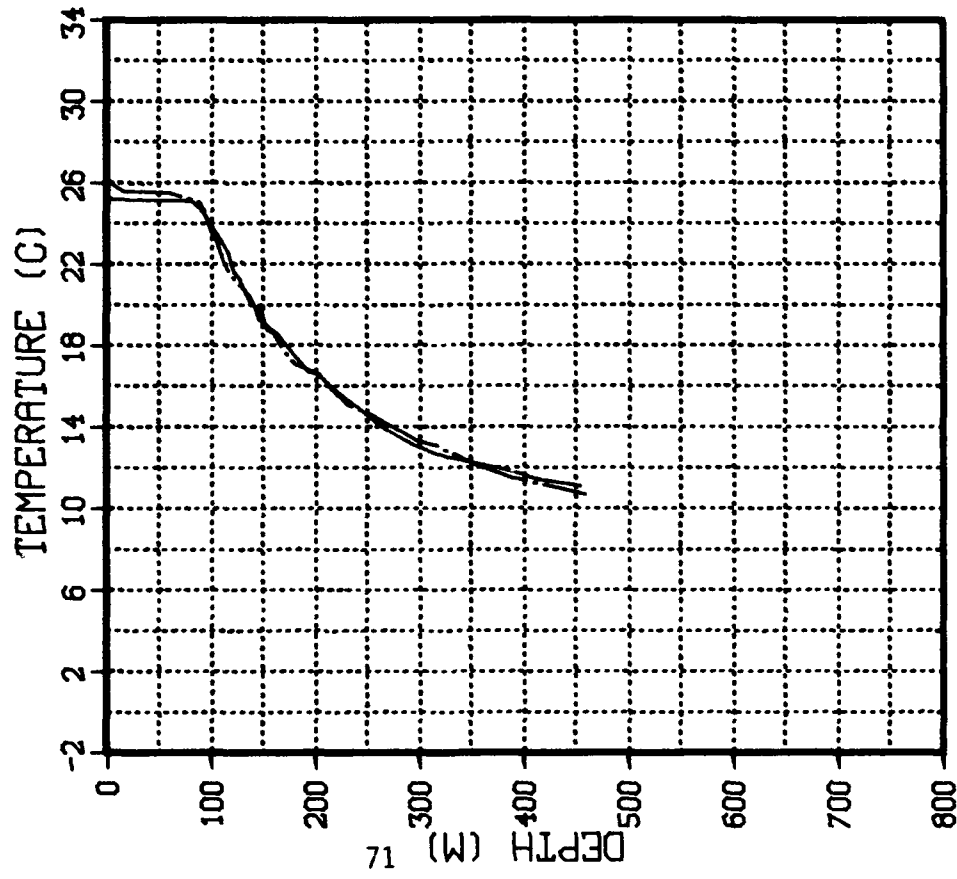


JAN, FEB, MAR

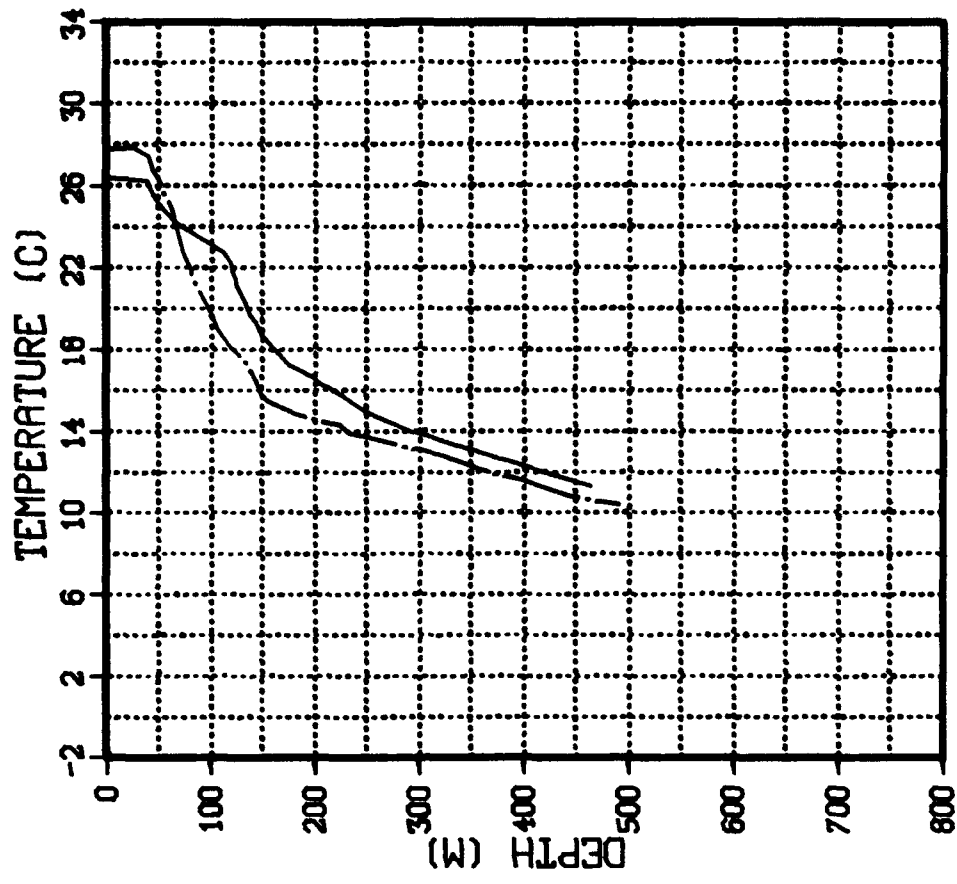


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S MOZAMBIQUE COLD C 1

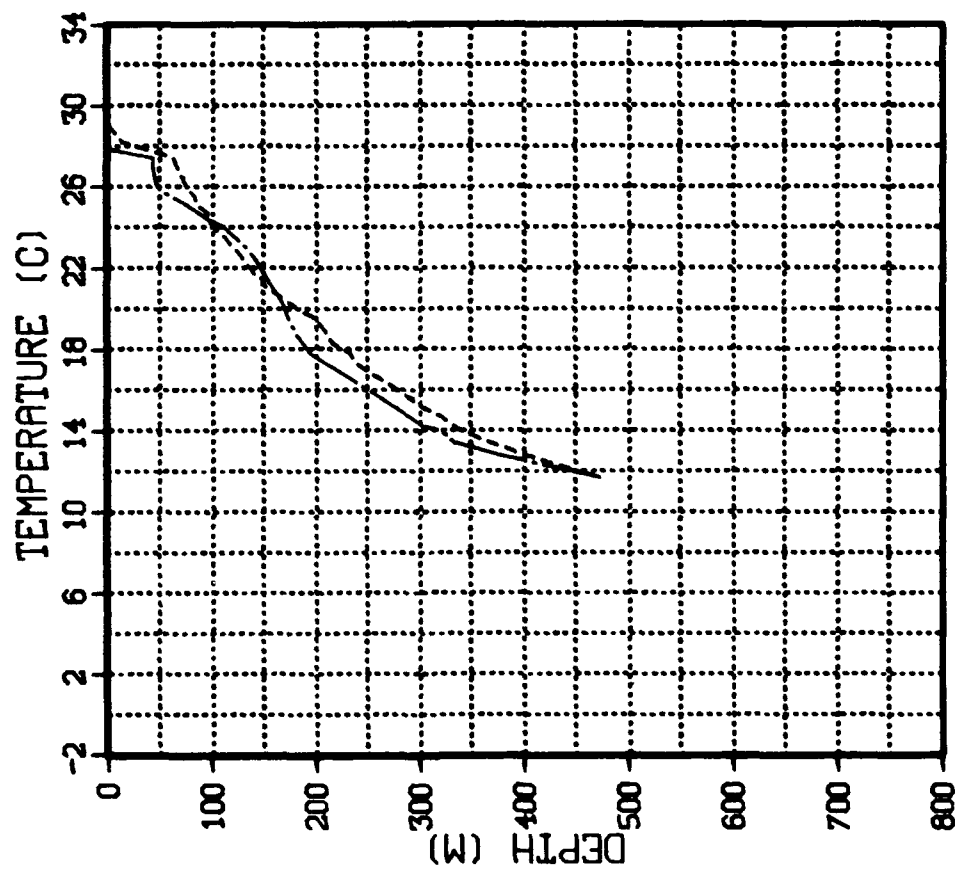


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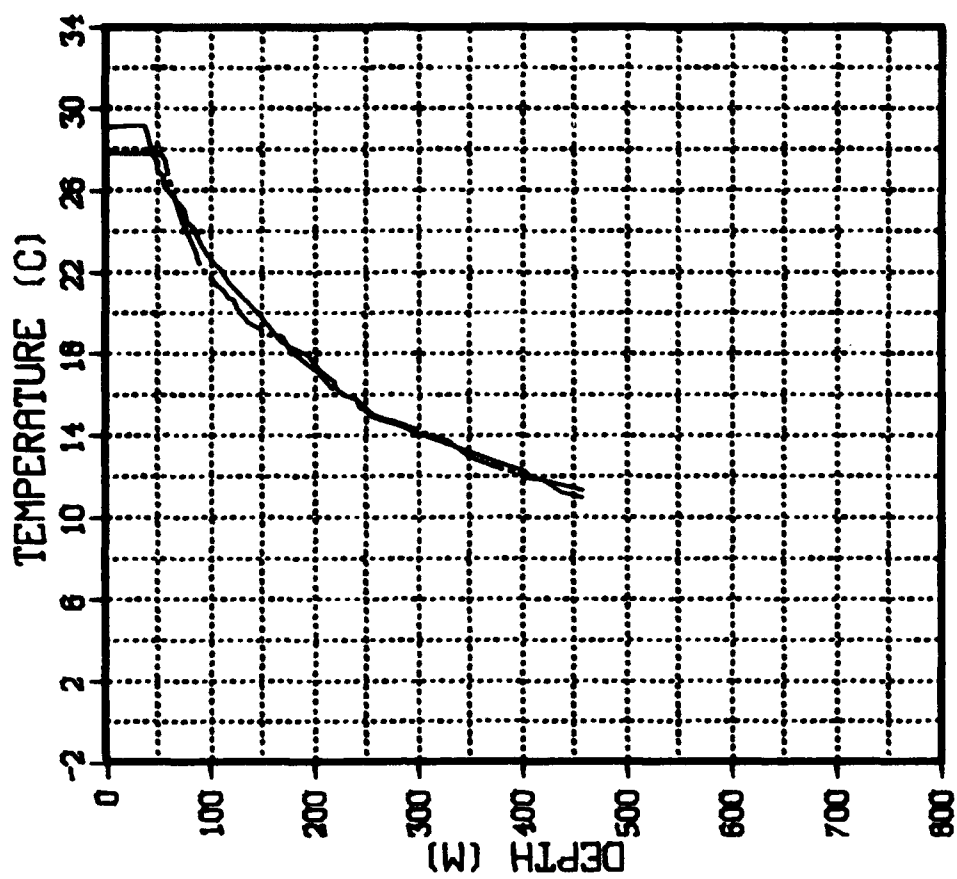


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S MOZAMBIQUE WARM C 1

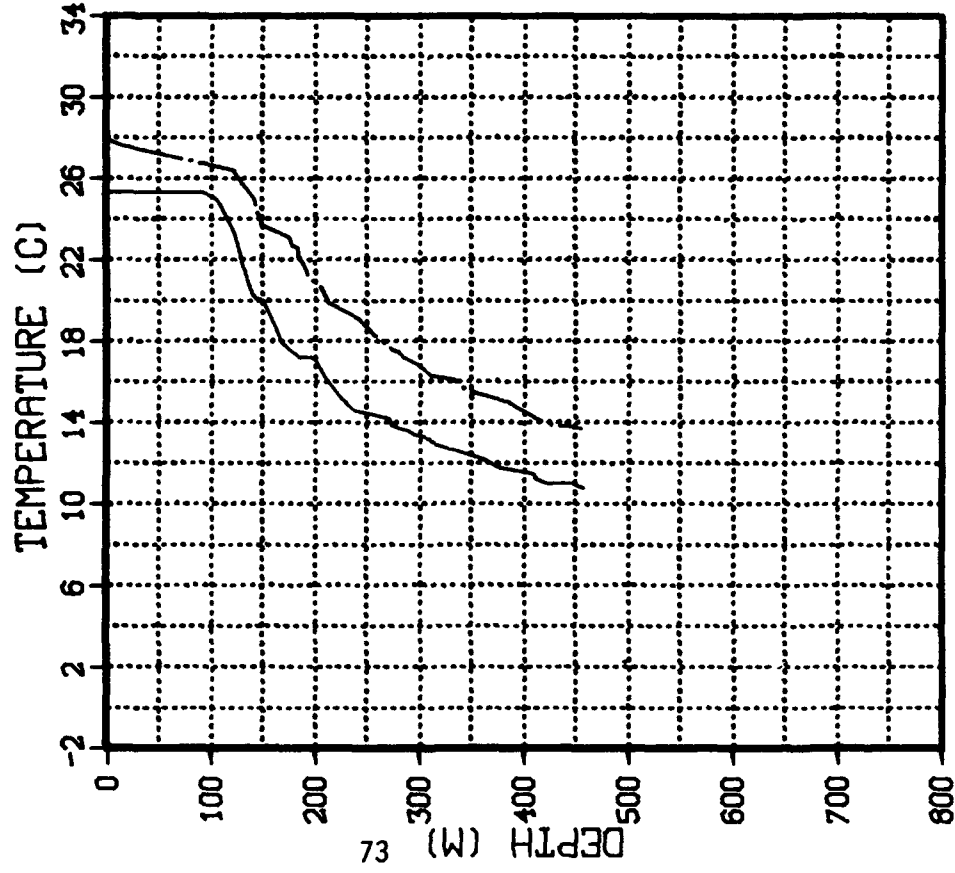


JAN, FEB, MAR

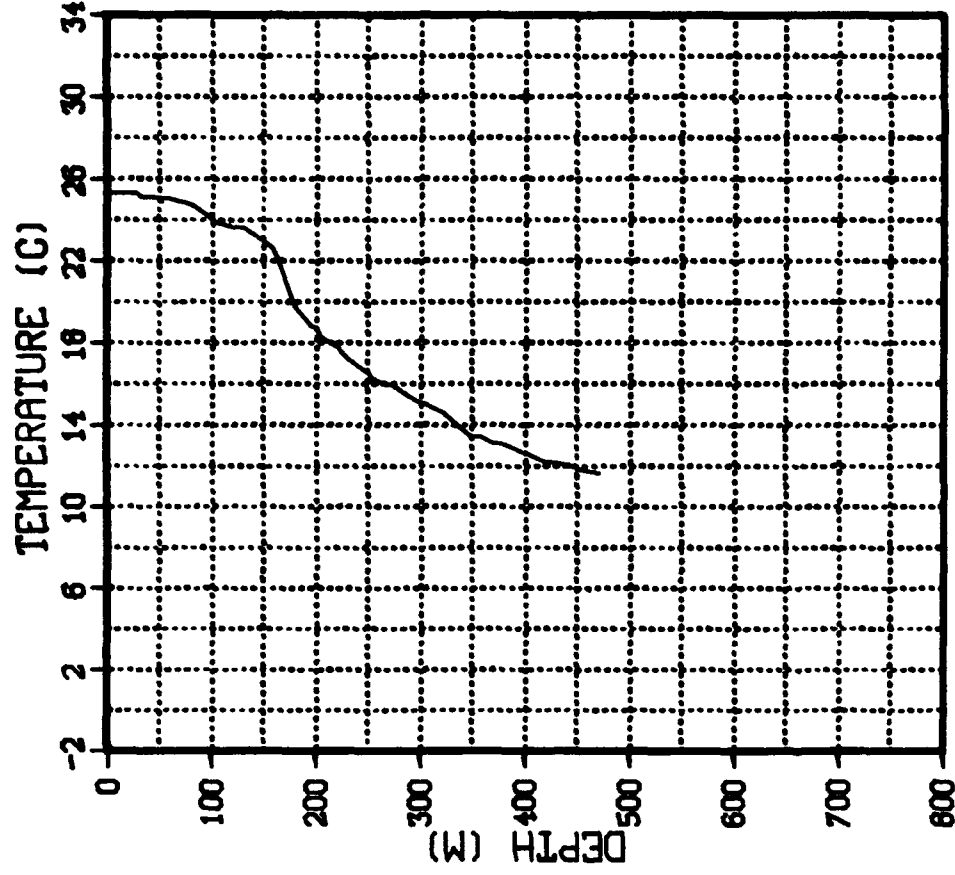


APR, MAY, JUN

S MOZAMBIQUE WARM C 1

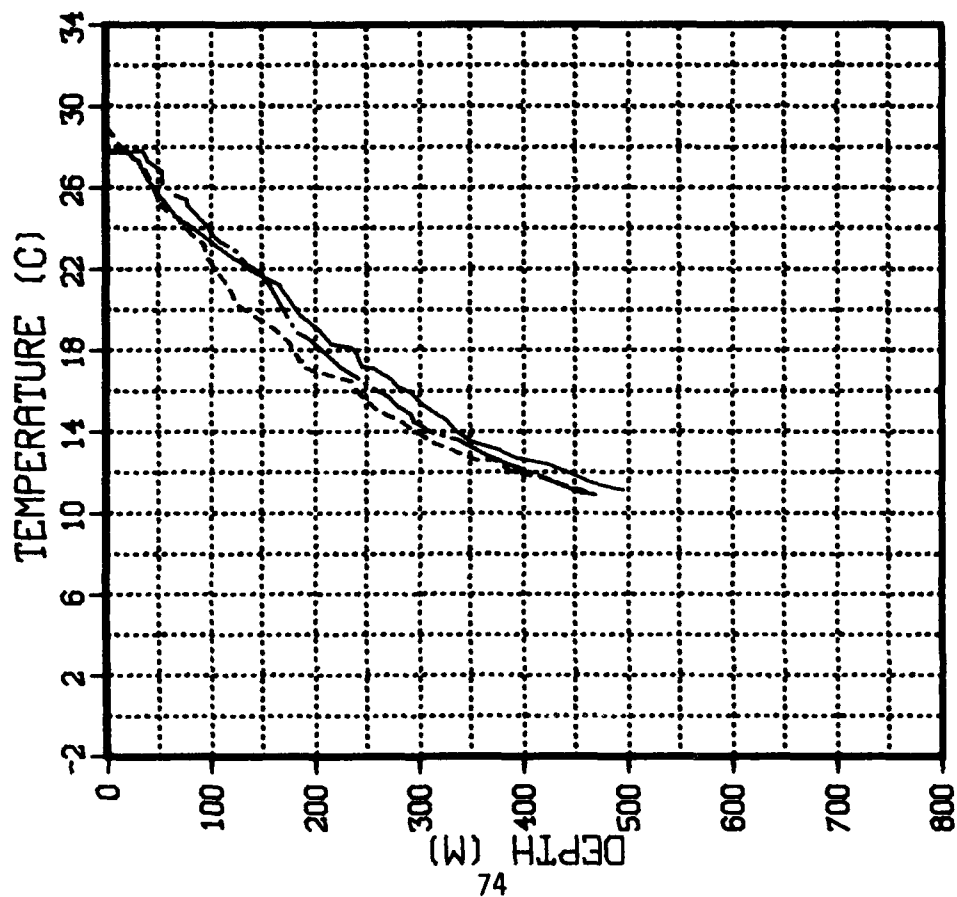


JUL, AUG, SEP

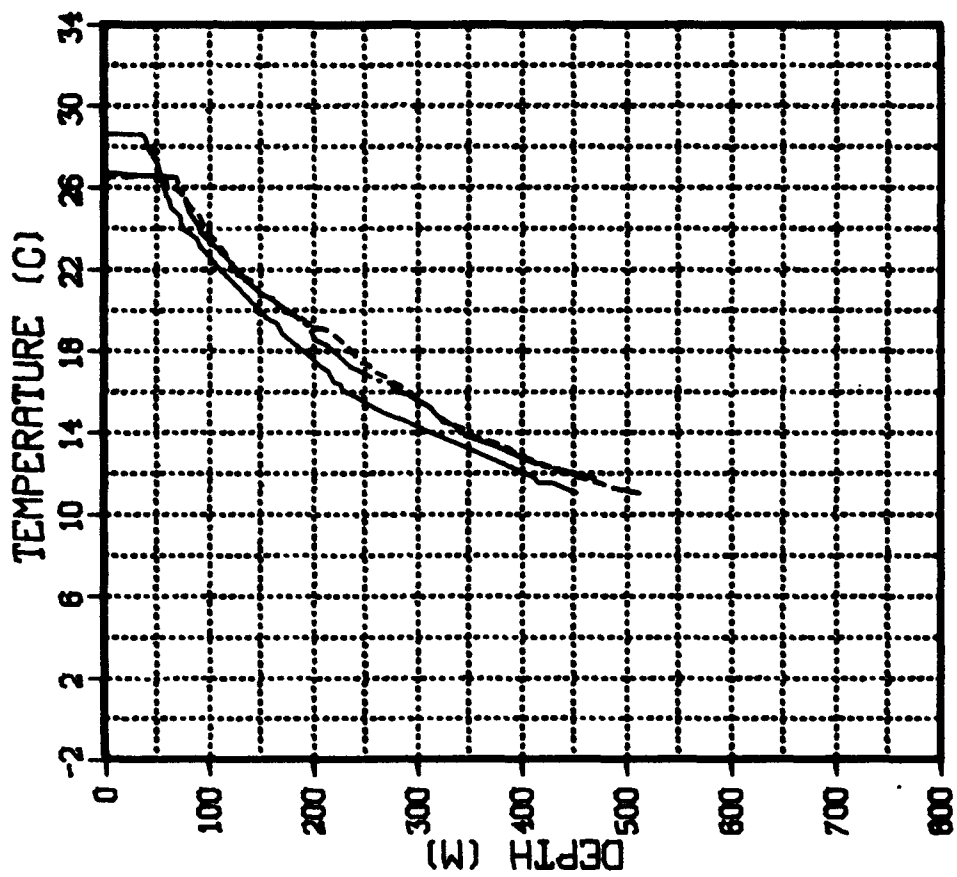


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S MASCARENE C 2

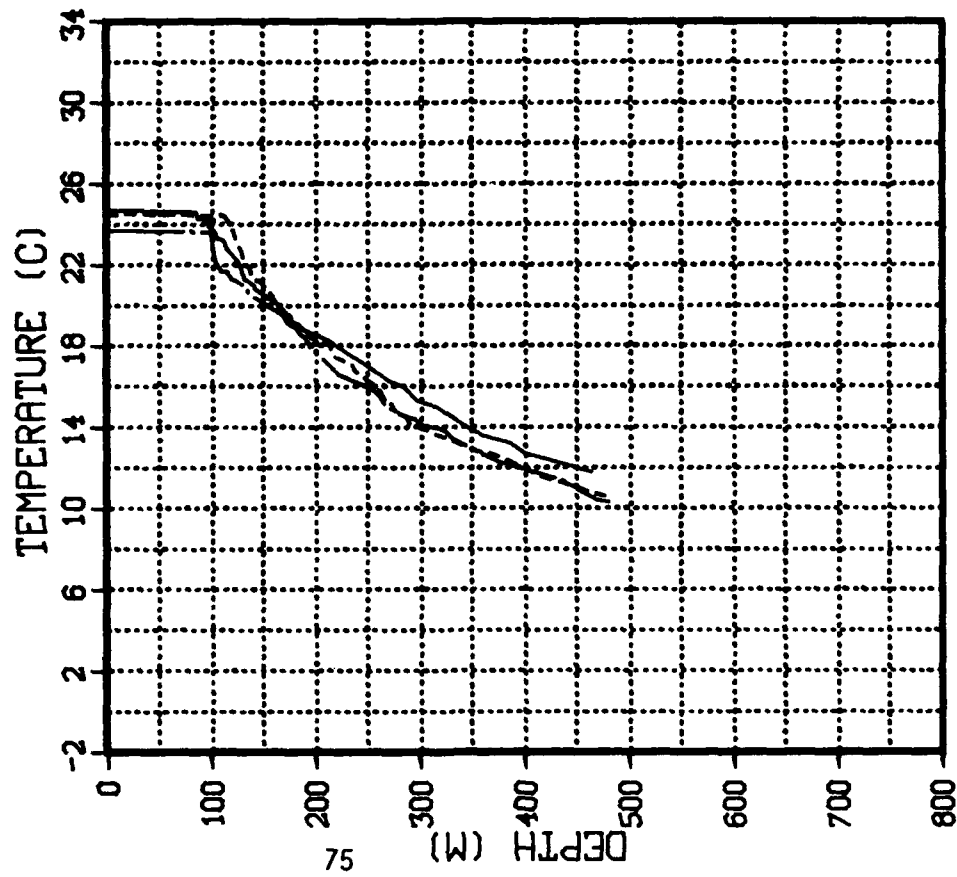


JAN, FEB, MAR

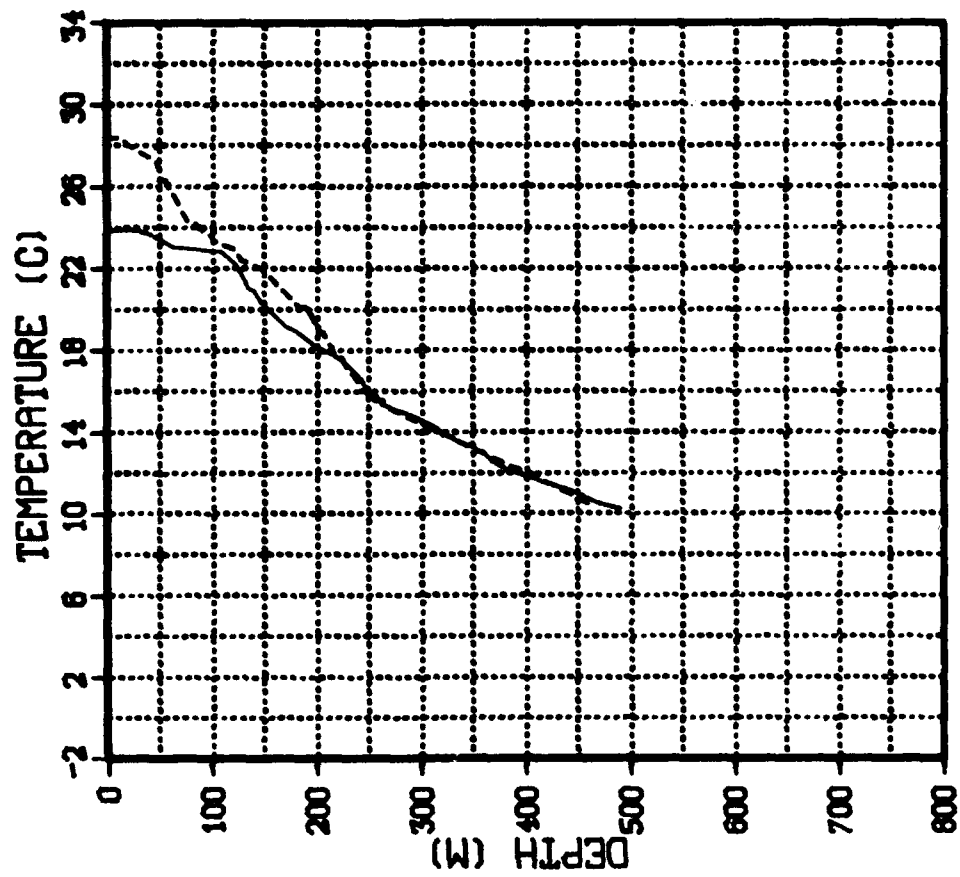


APR, MAY, JUN

S MASCARENE C 2

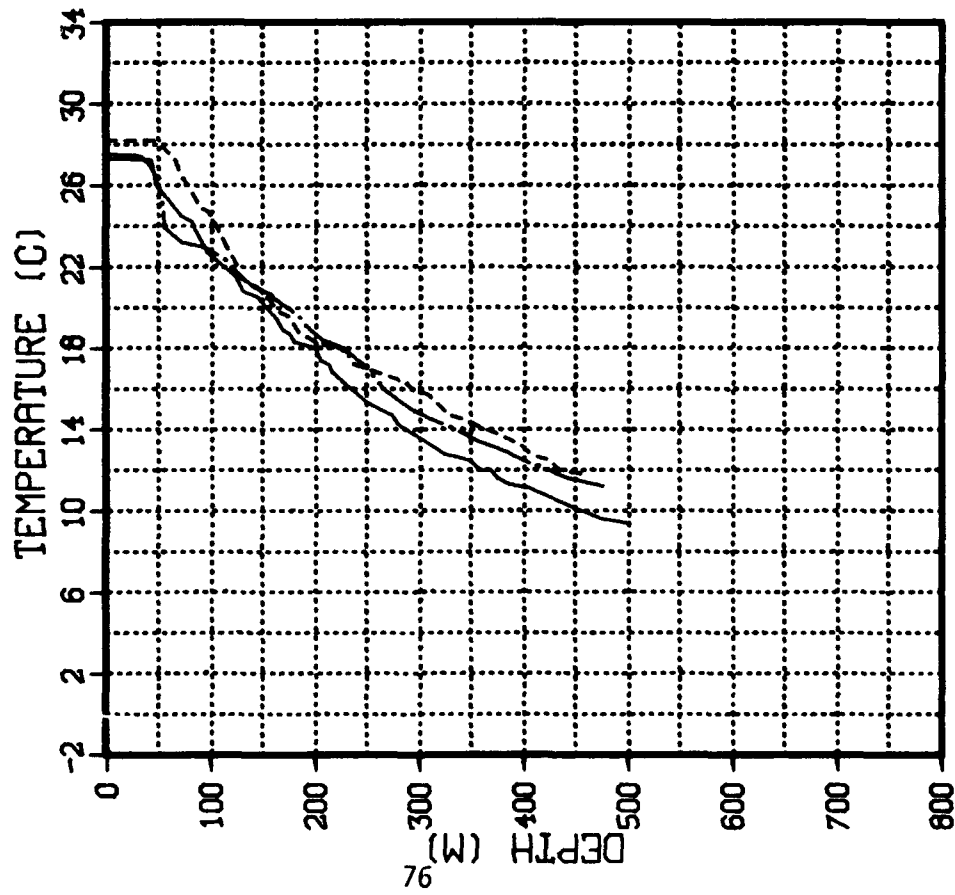


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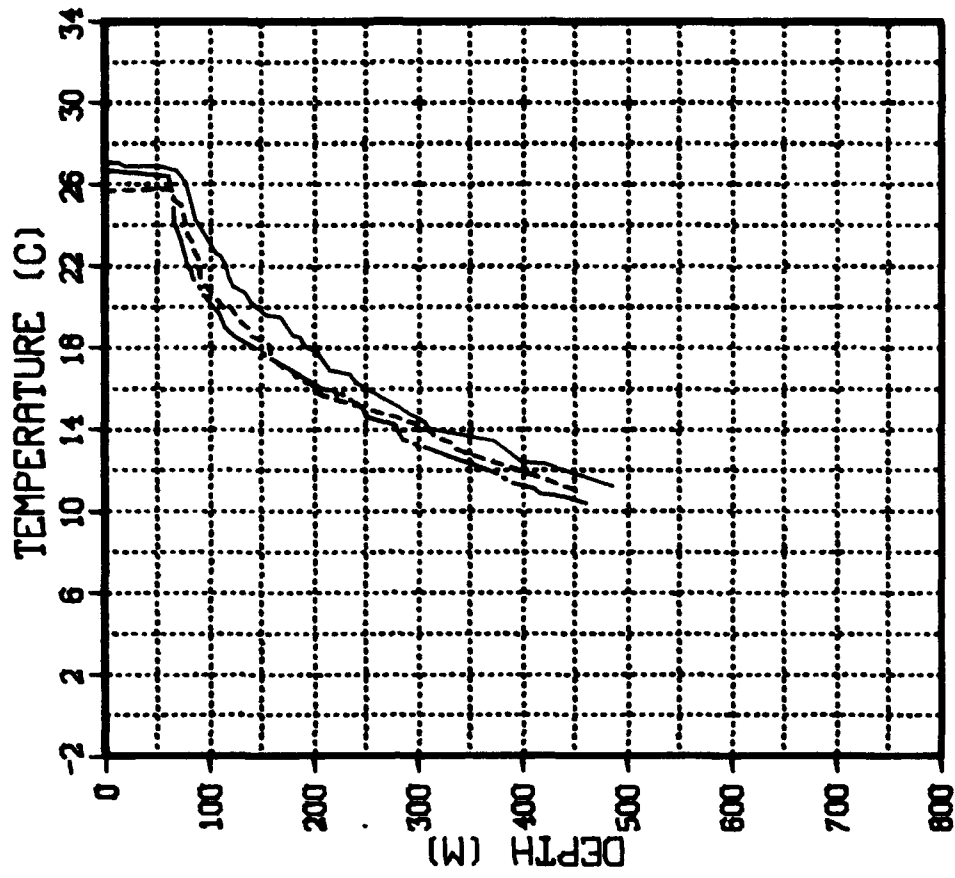


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MAURITIUS C 3

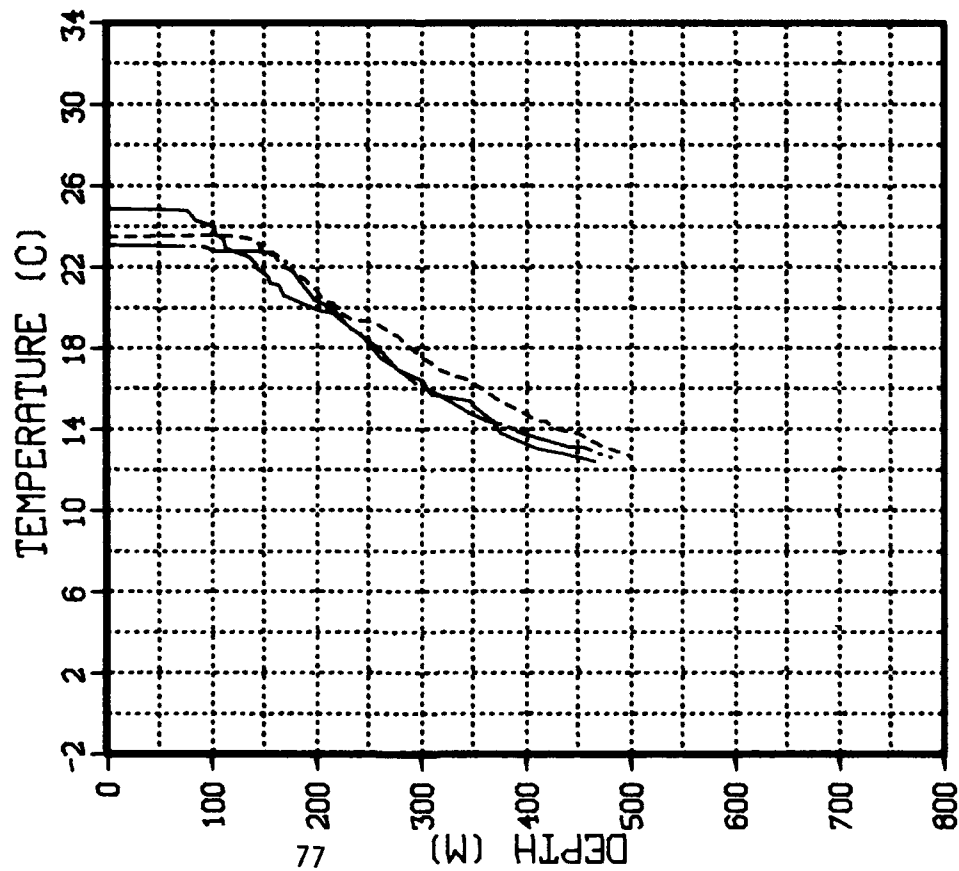


JAN, FEB, MAR

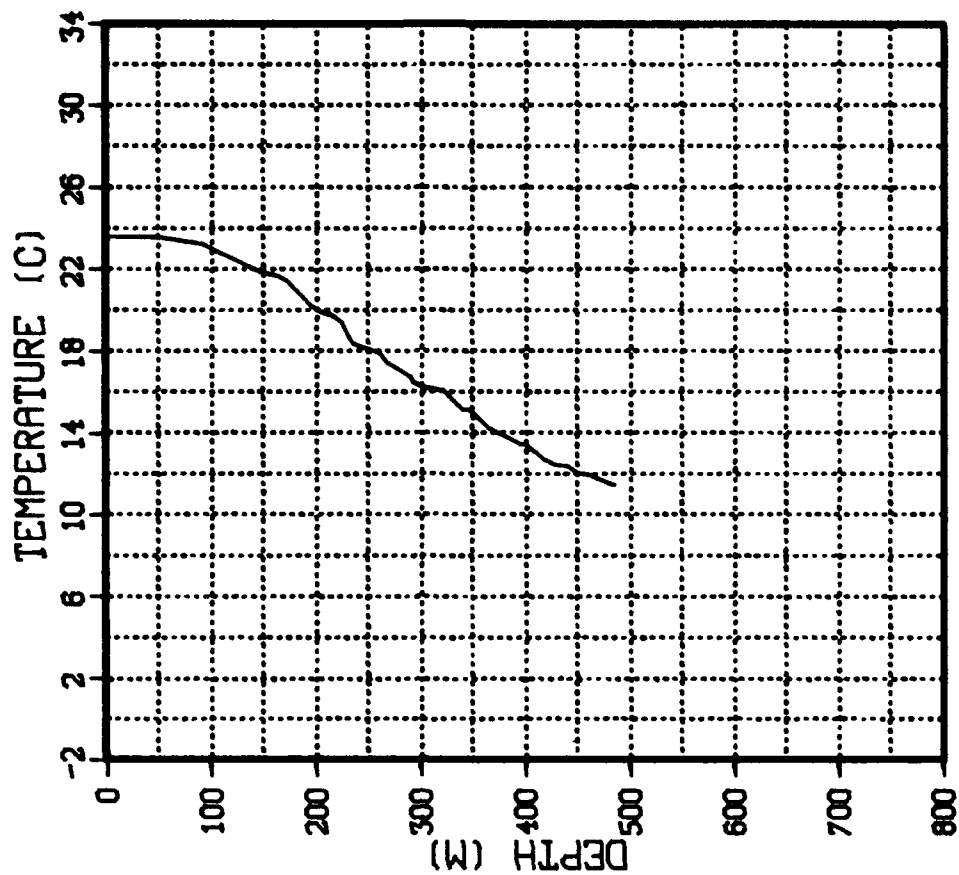


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MAURITIUS C 3

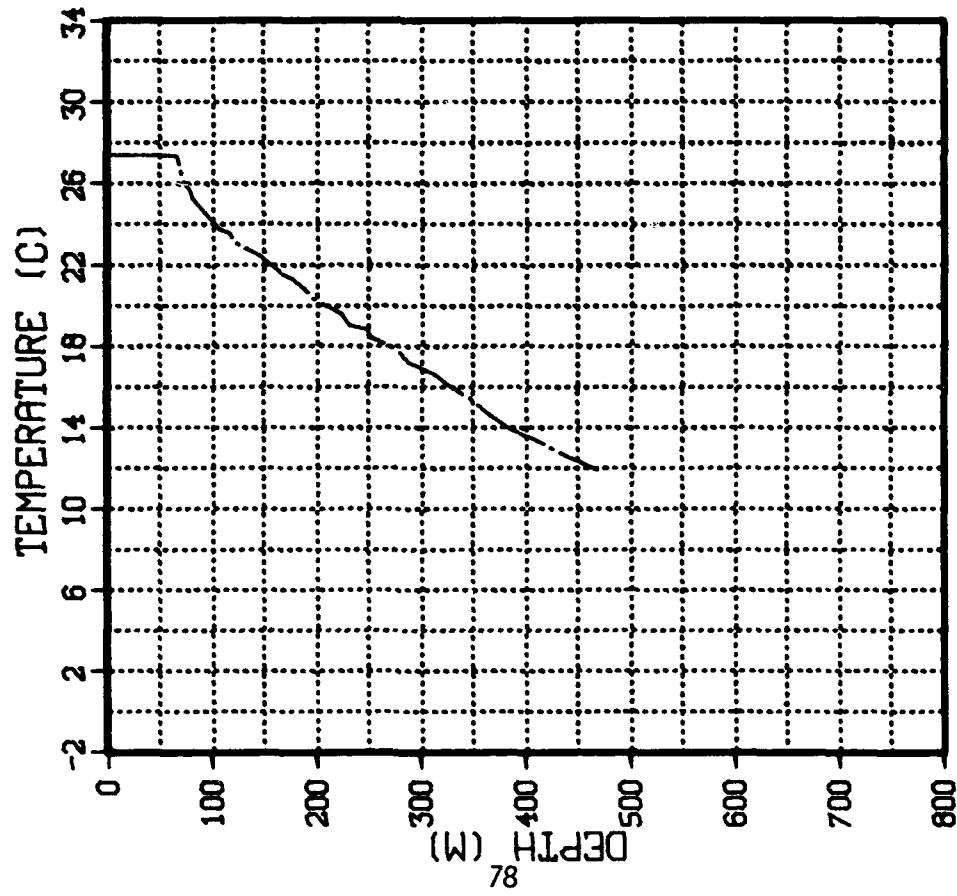


JUL, AUG, SEP

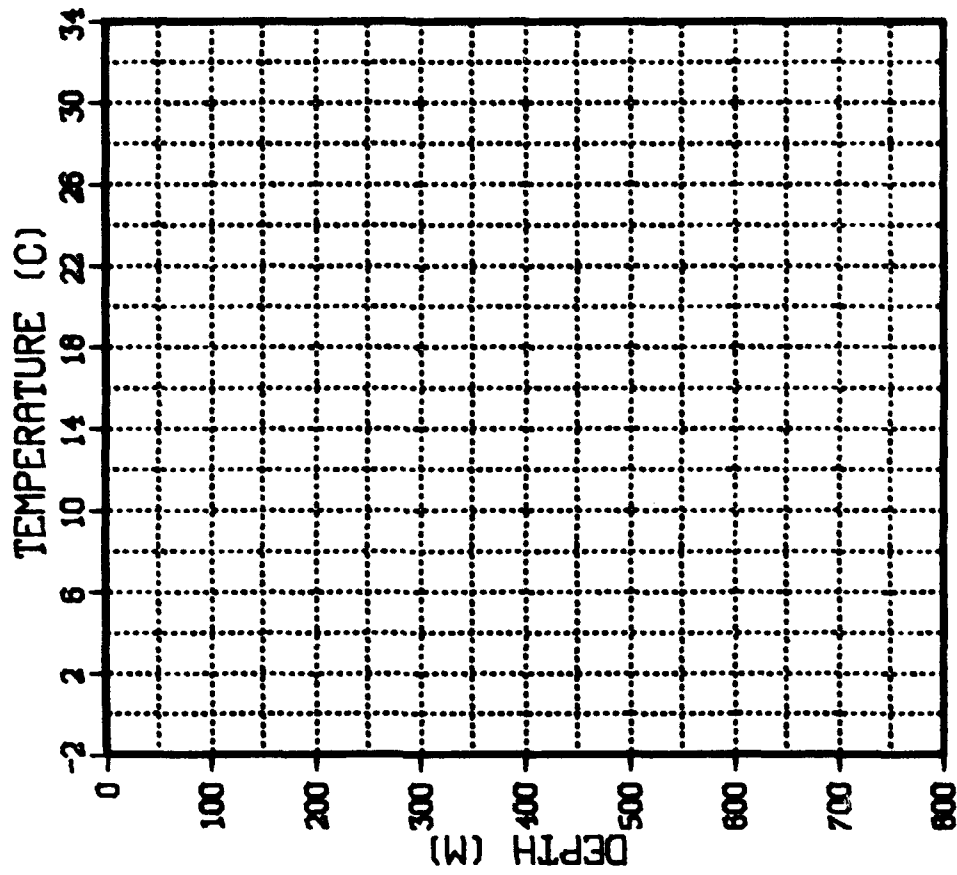


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S INDIAN C 4

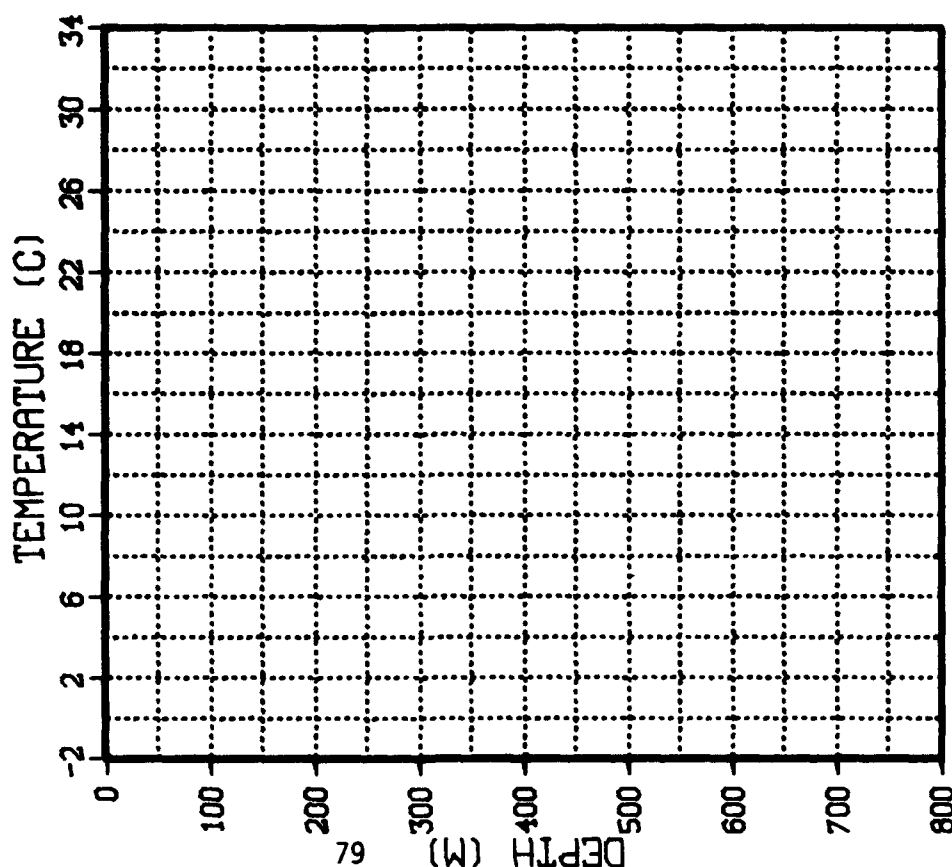


JAN, FEB, MAR

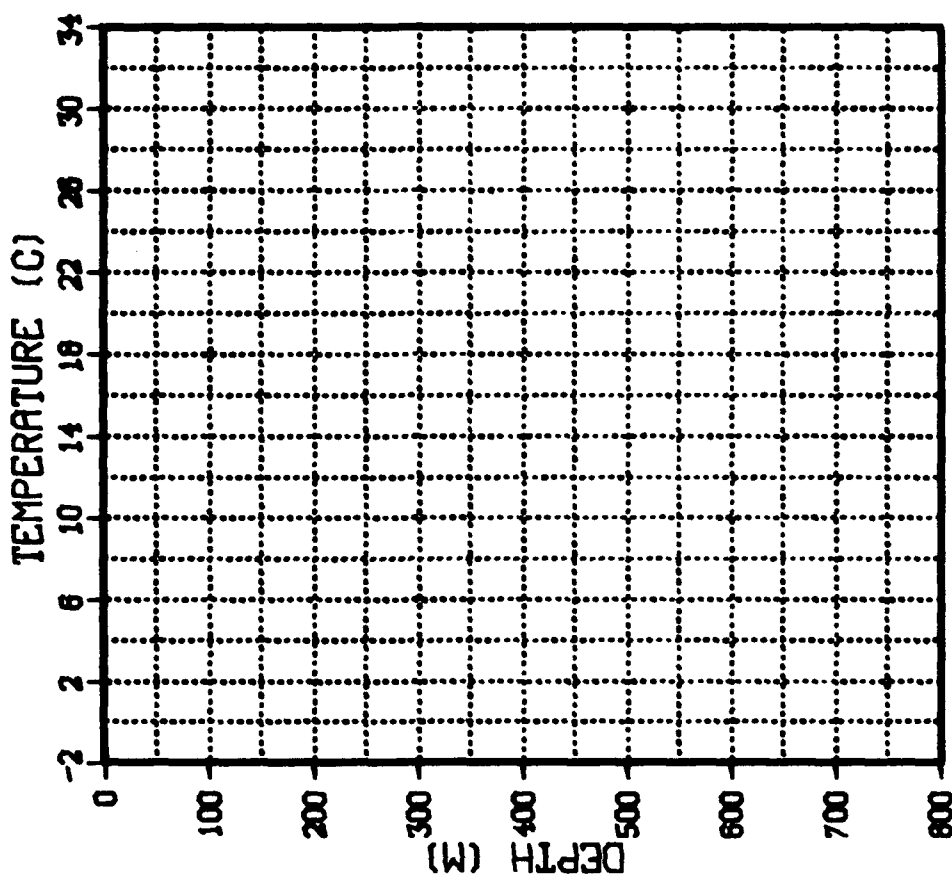


APR, MAY, JUN

S INDIAN C 4

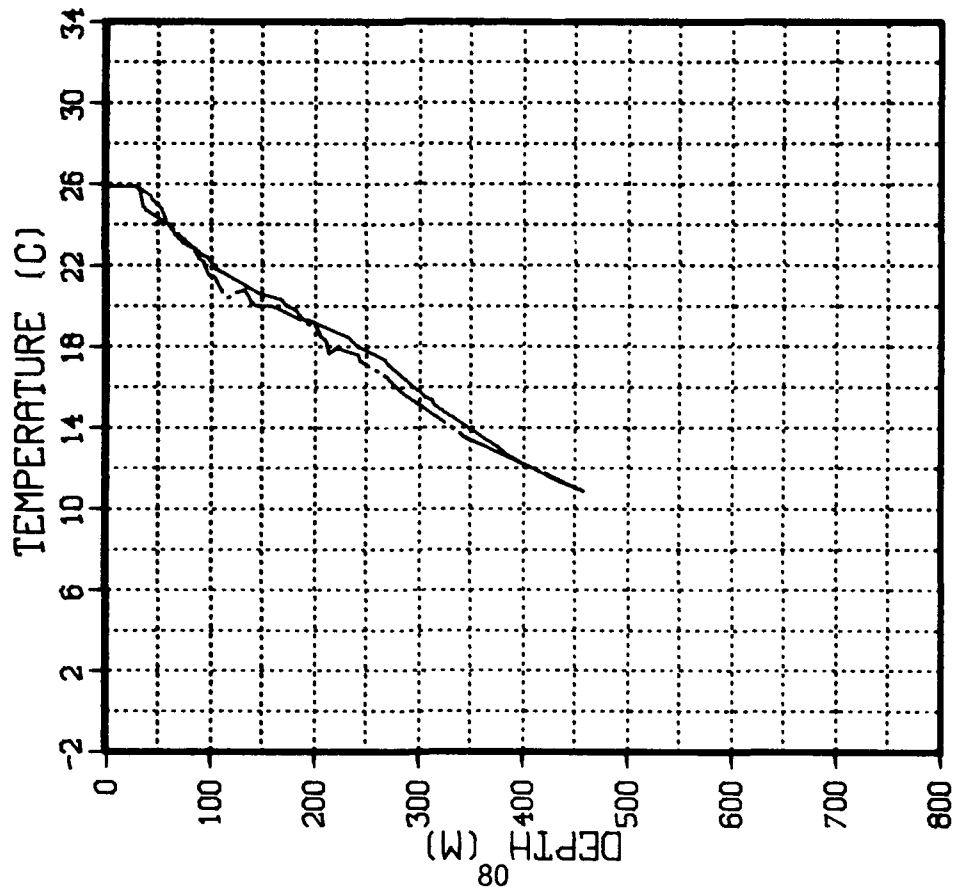


JUL, AUG, SEP

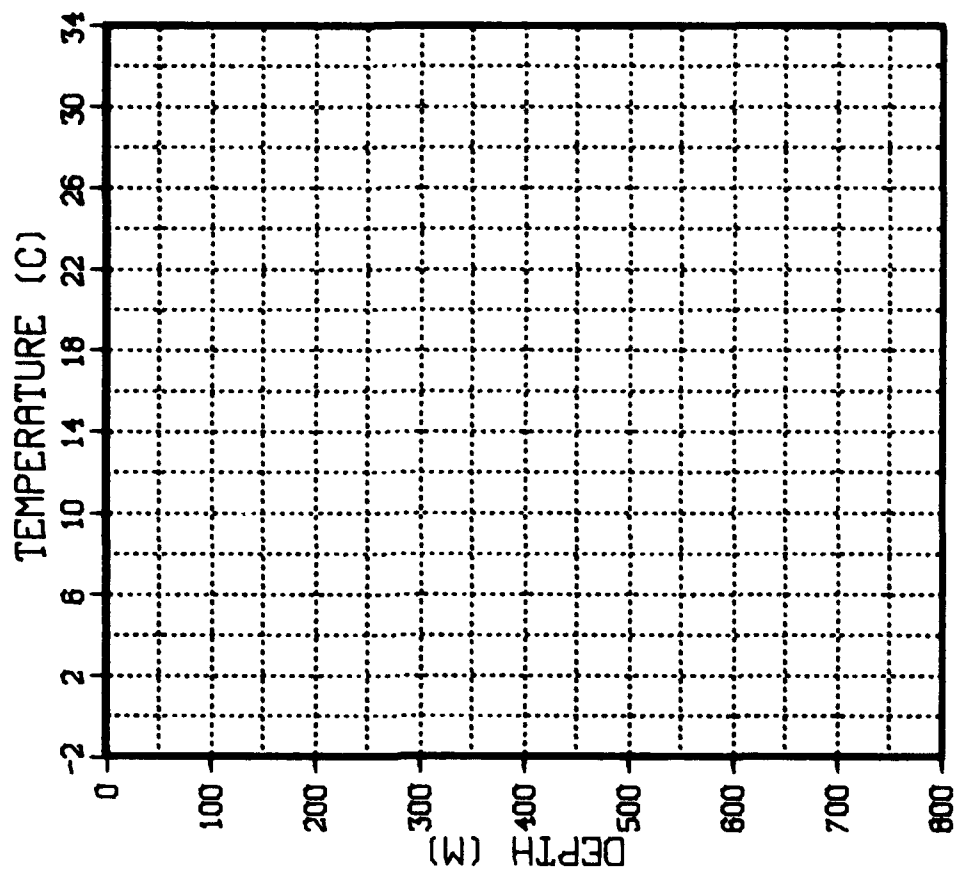


OCT, NOV, DEC

S WHARTON C 5

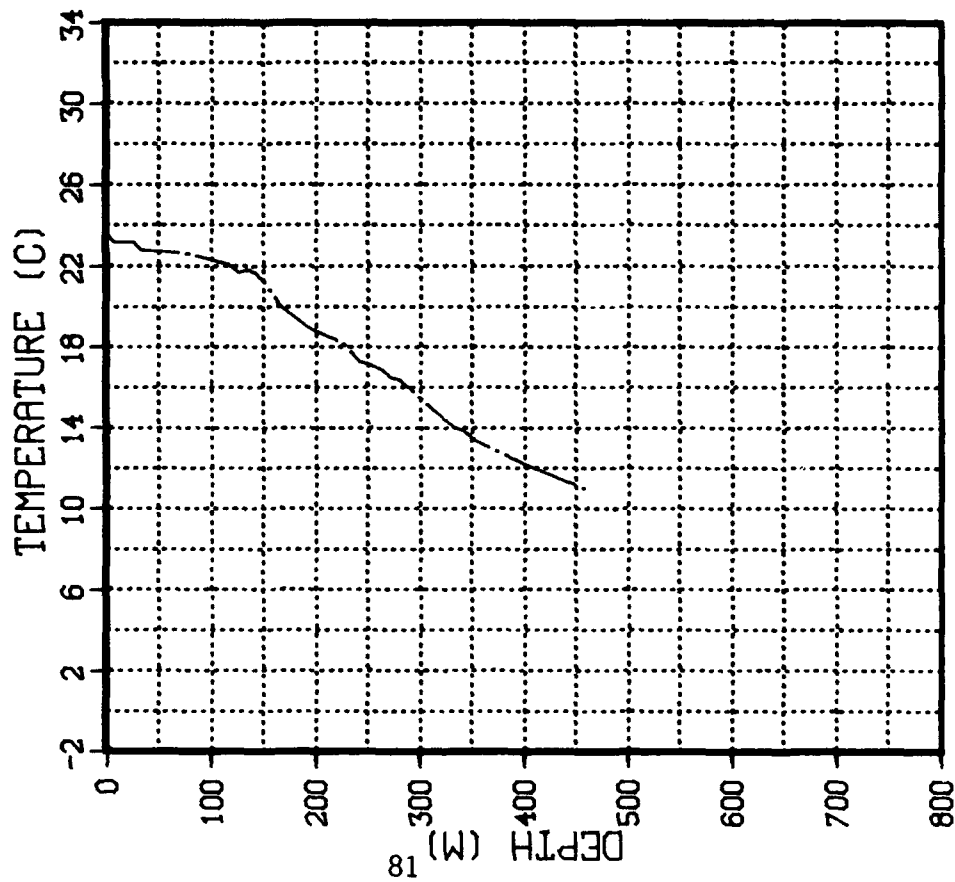


JAN, FEB, MAR

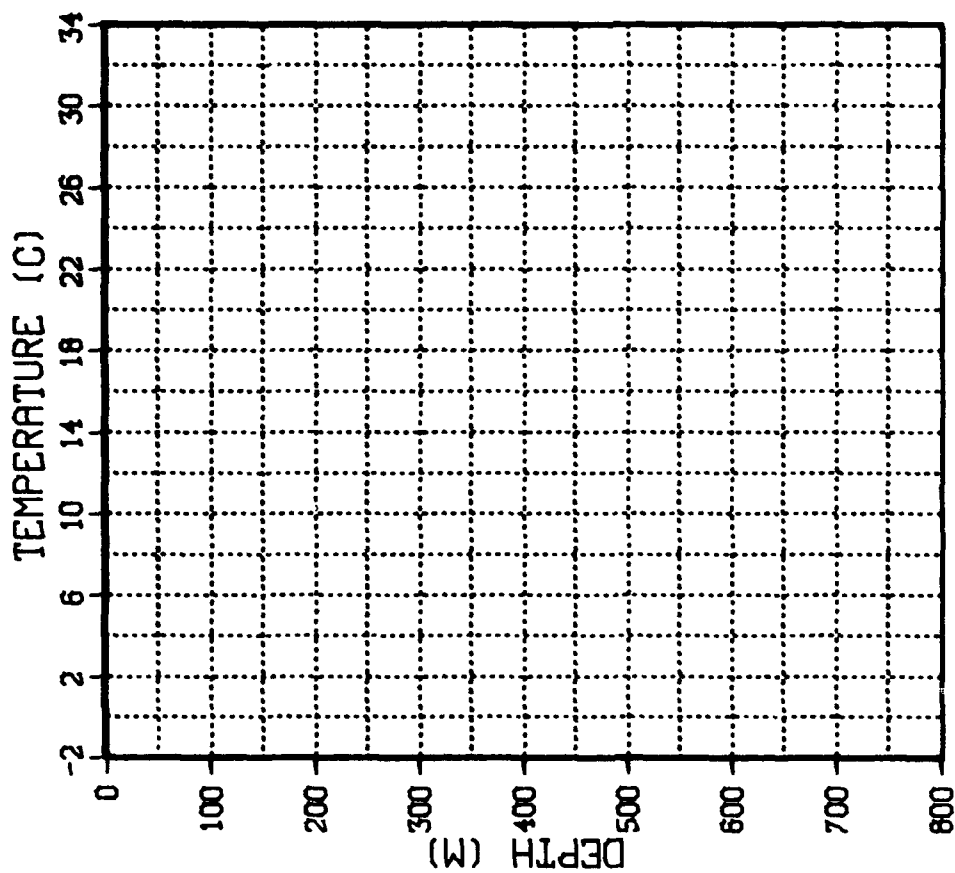


APR, MAY, JUN

S WHARTON C 5

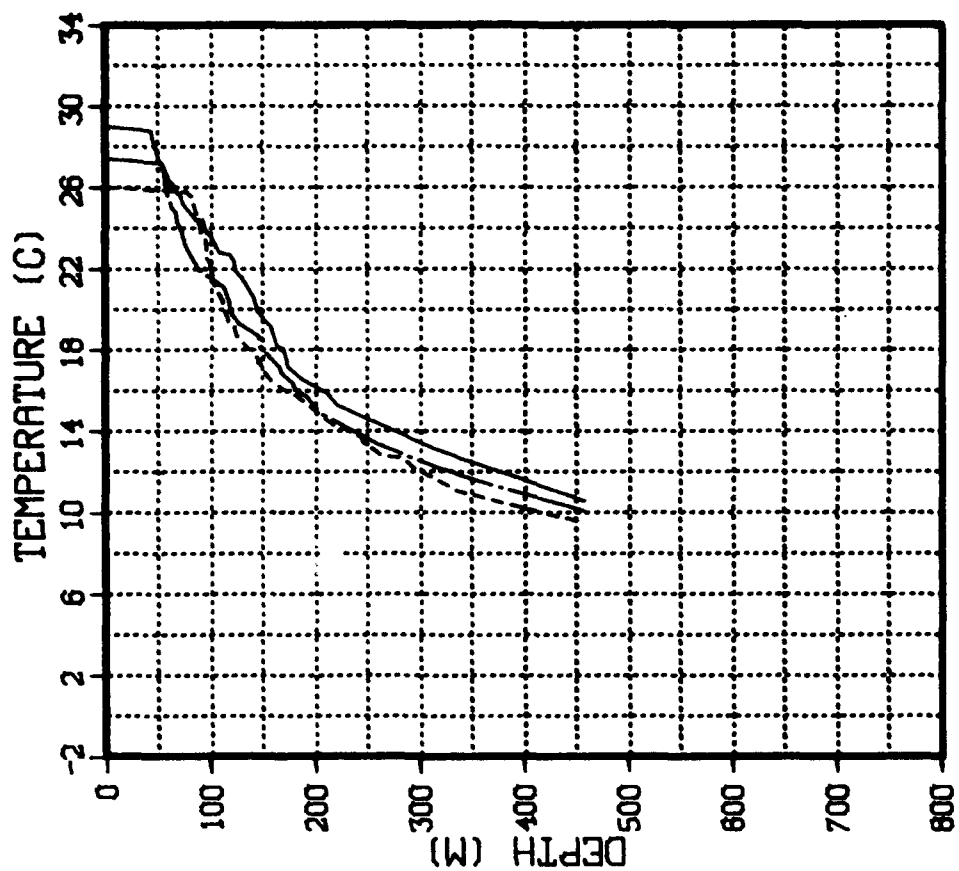
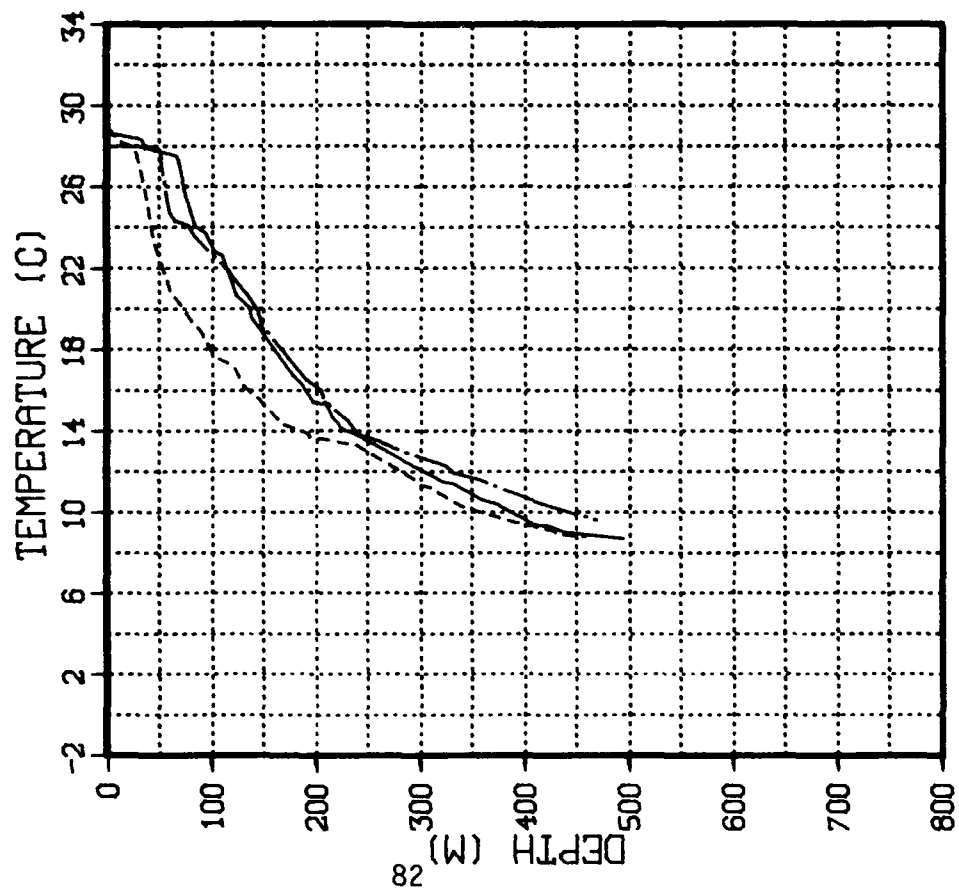


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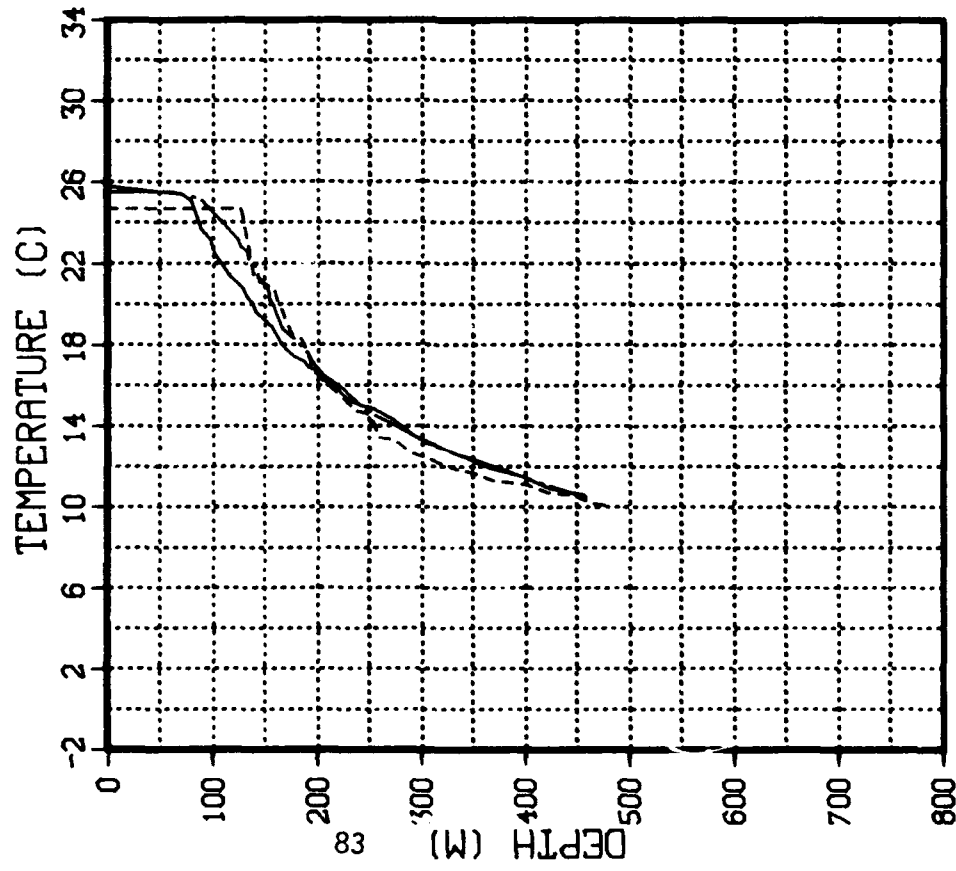


OCT, NOV, DEC

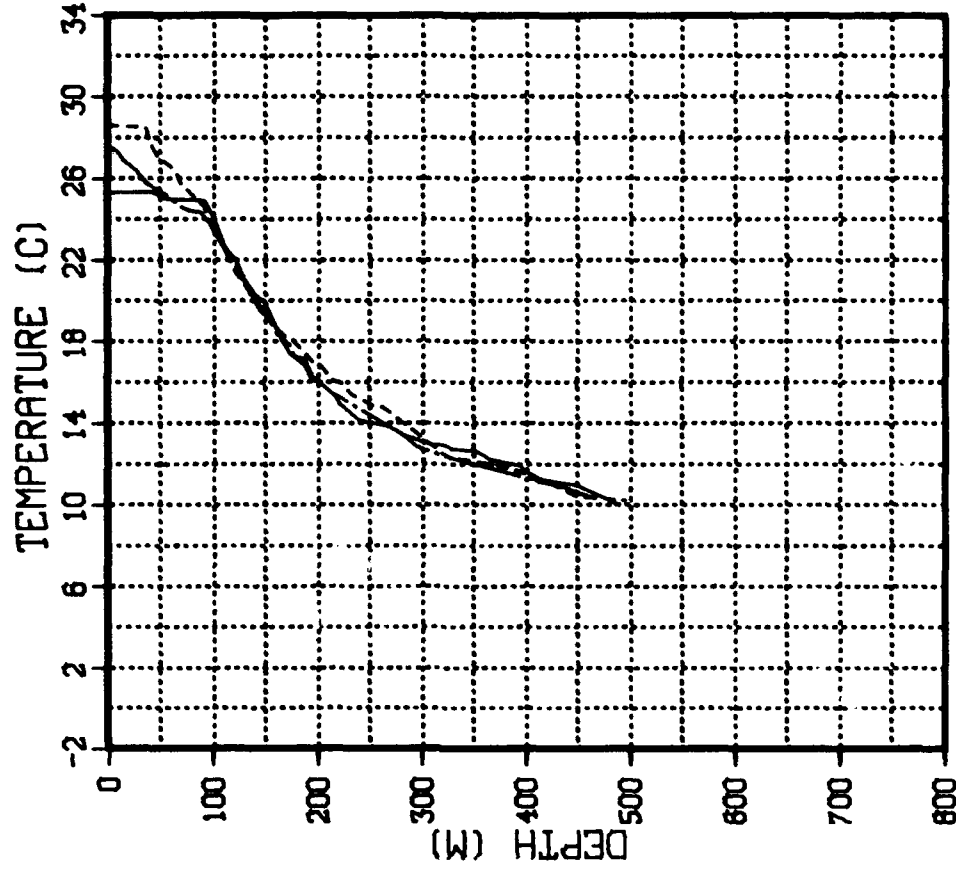
N MOZAMBIQUE COLD C 6



N MOZAMBIQUE COLD C 6

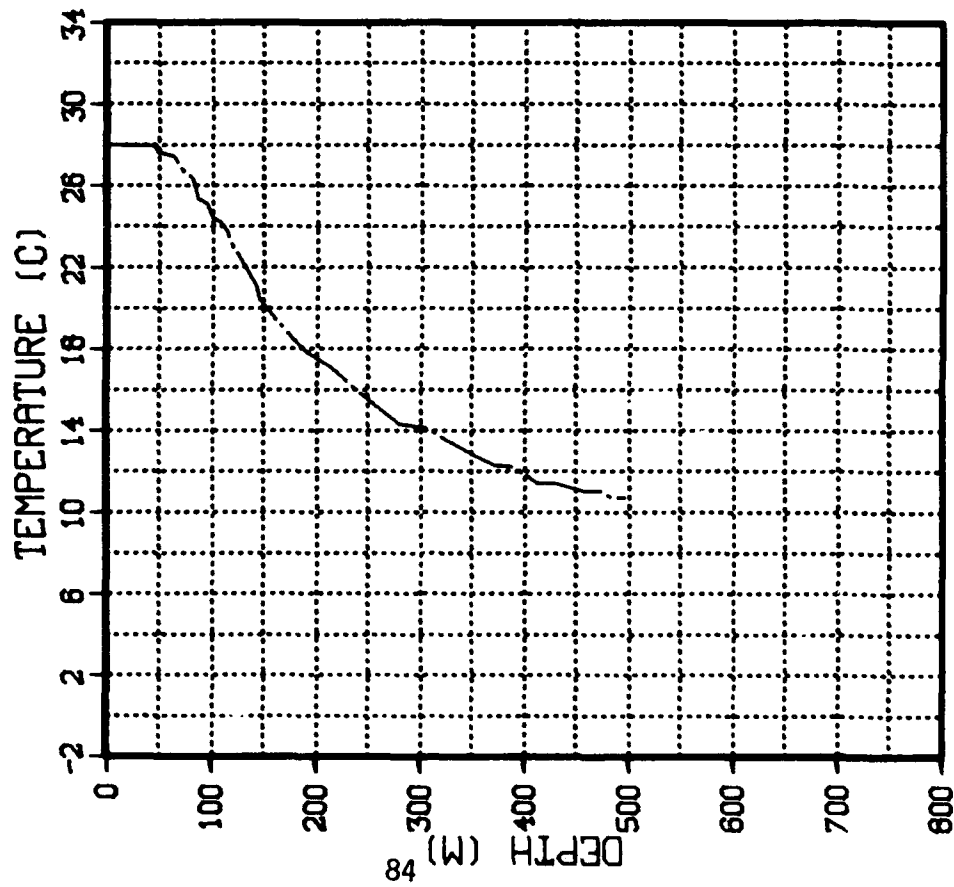


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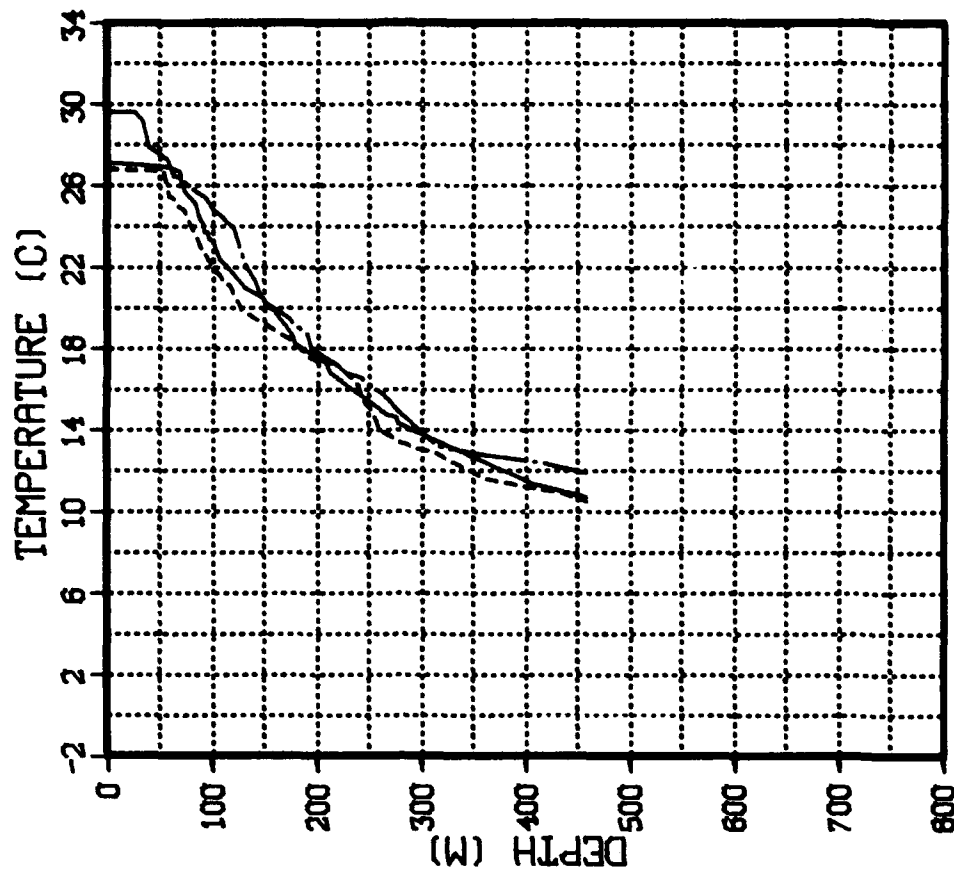


OCT, NOV, DEC

N MOZAMBIQUE WARM C 6

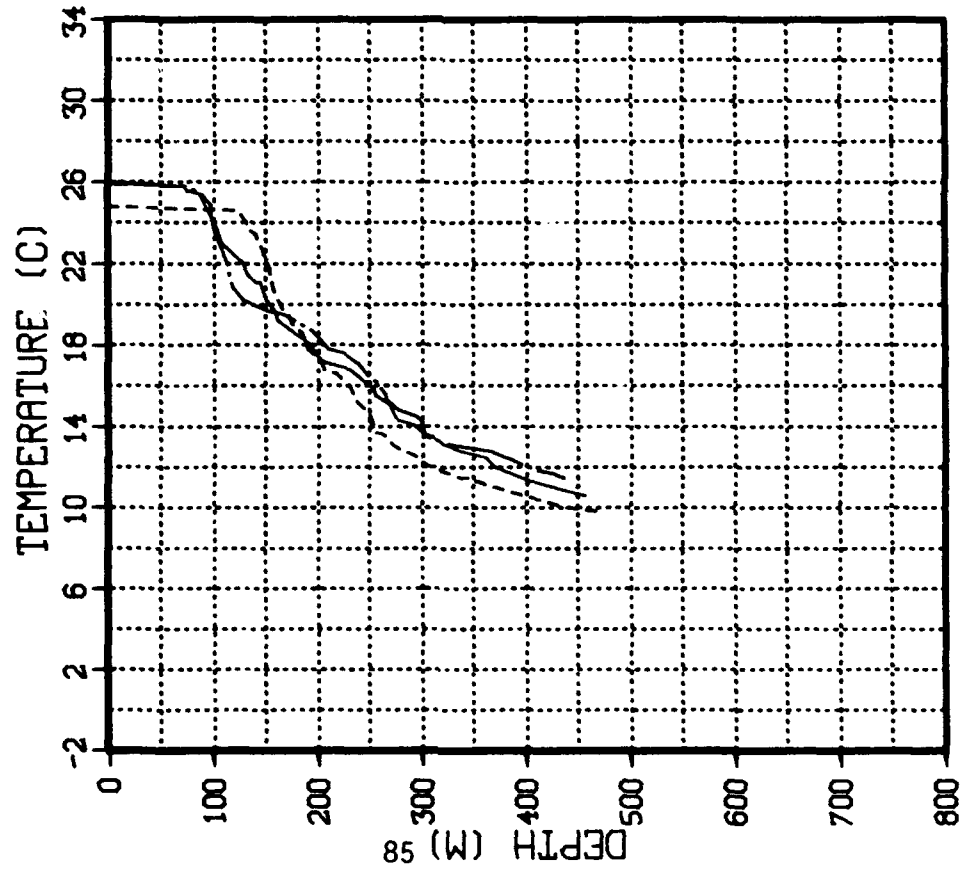


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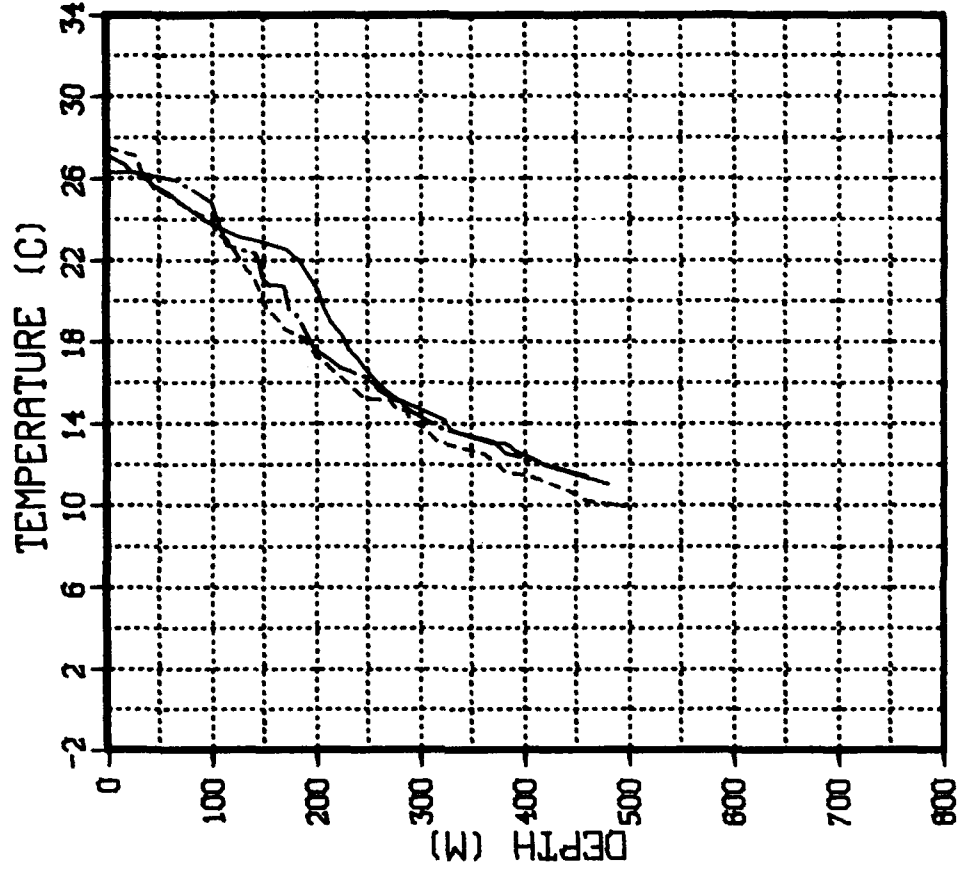


APR, MAY, JUN

N MOZAMBIQUE WARM C 6

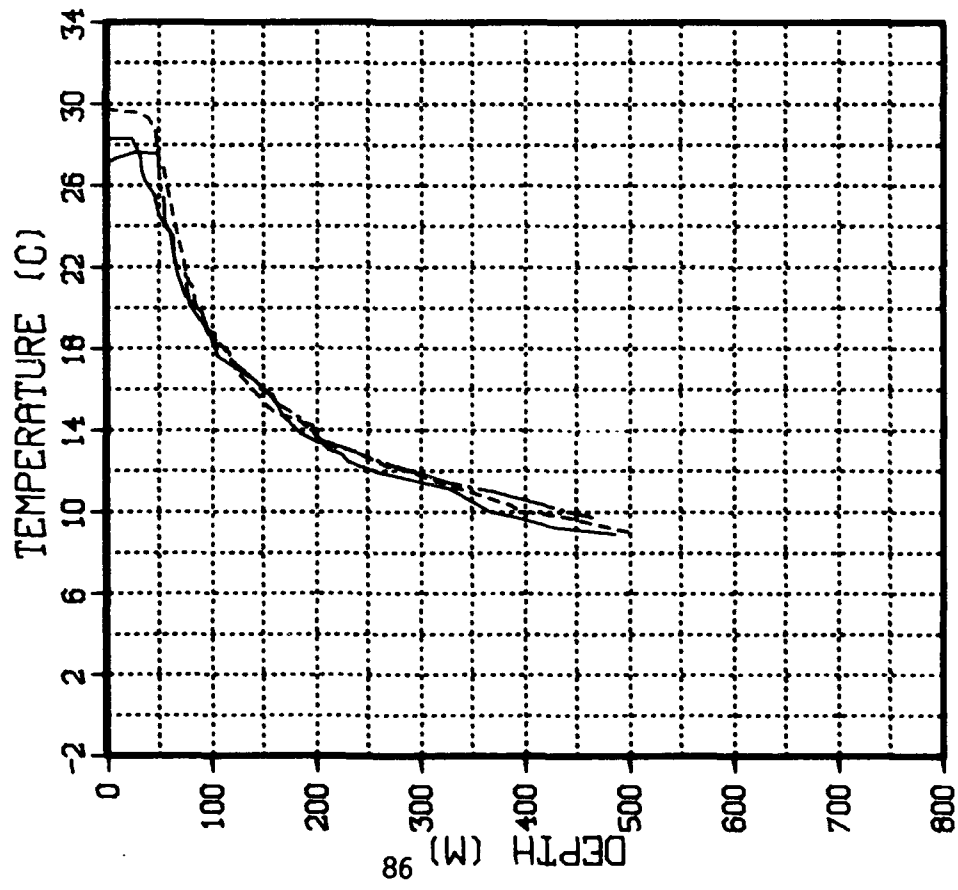


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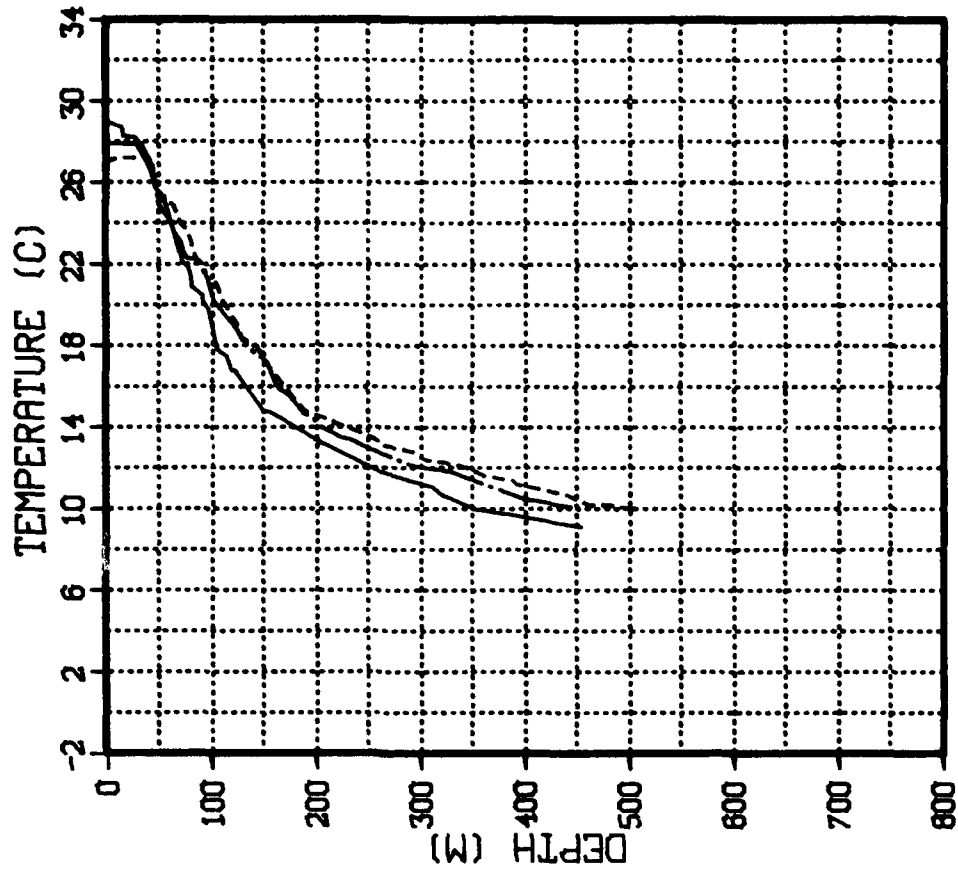


OCT, NOV, DEC

C MASCARENE COLD C 7

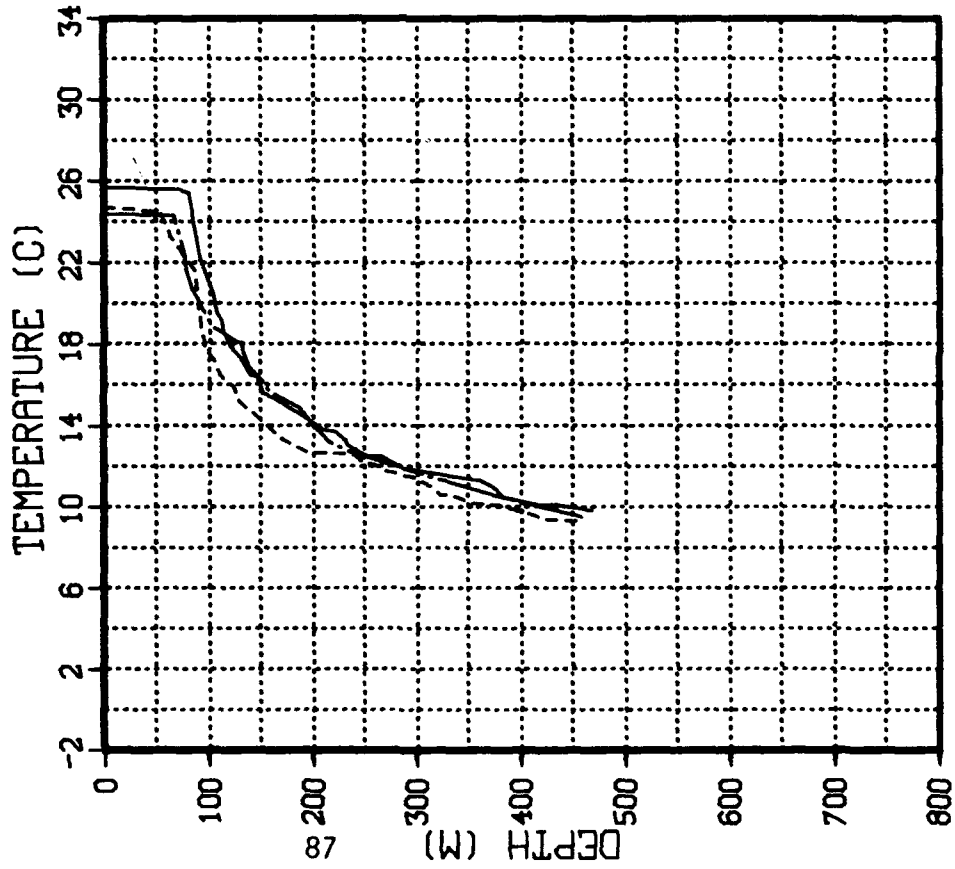


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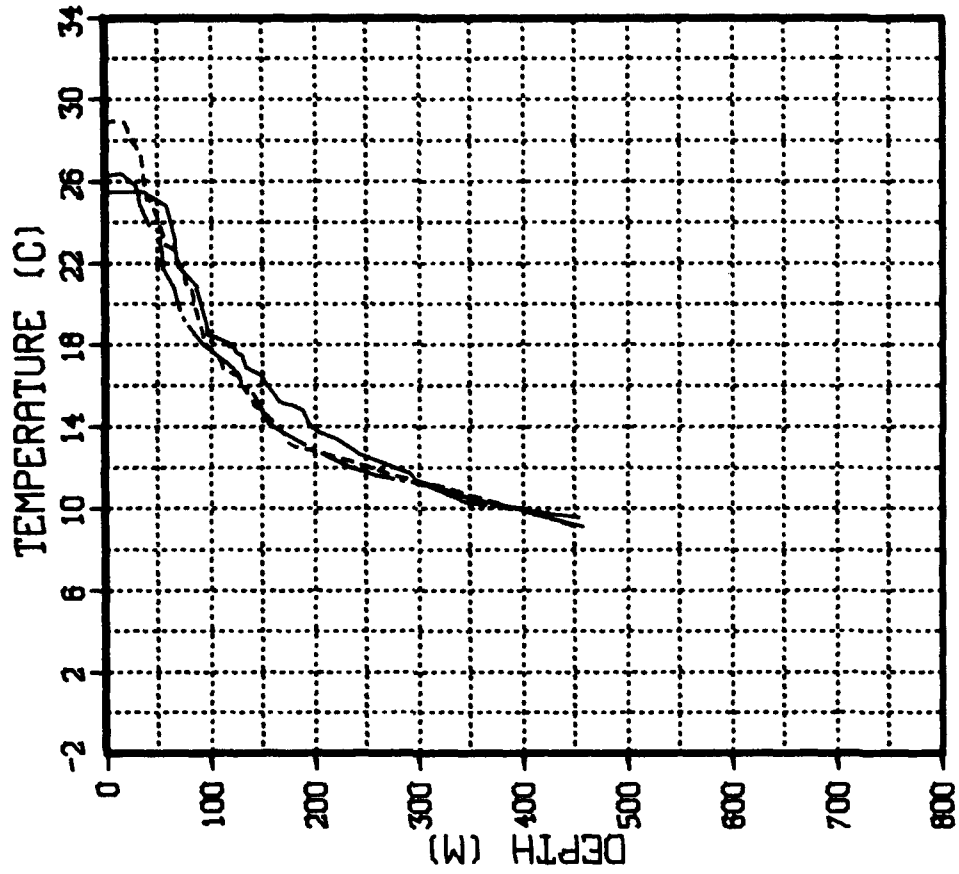


APR, MAY, JUN

C MASCARENE COLD C 7

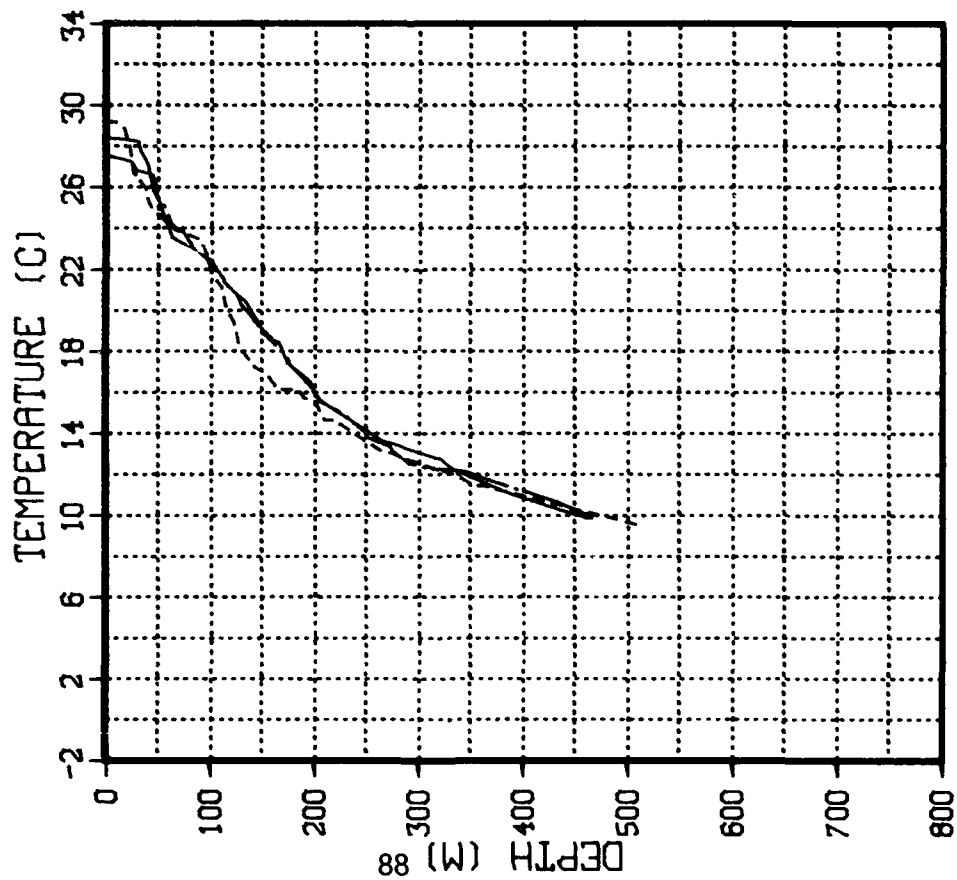


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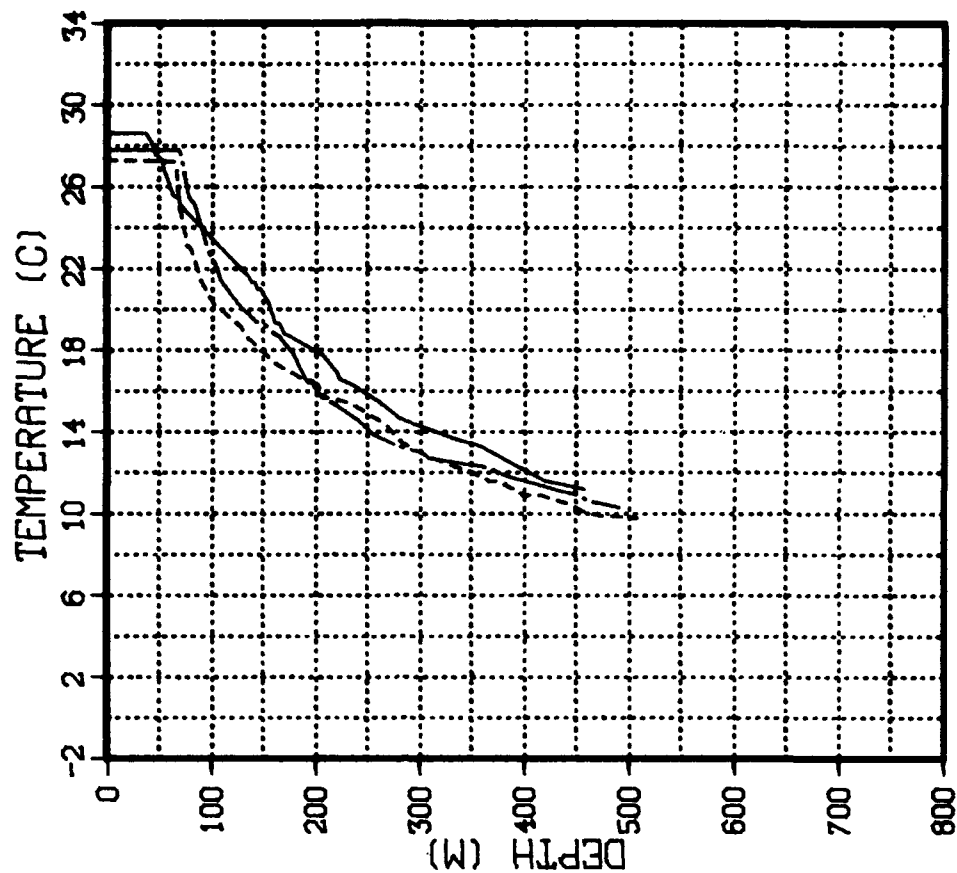


OCT, NOV, DEC

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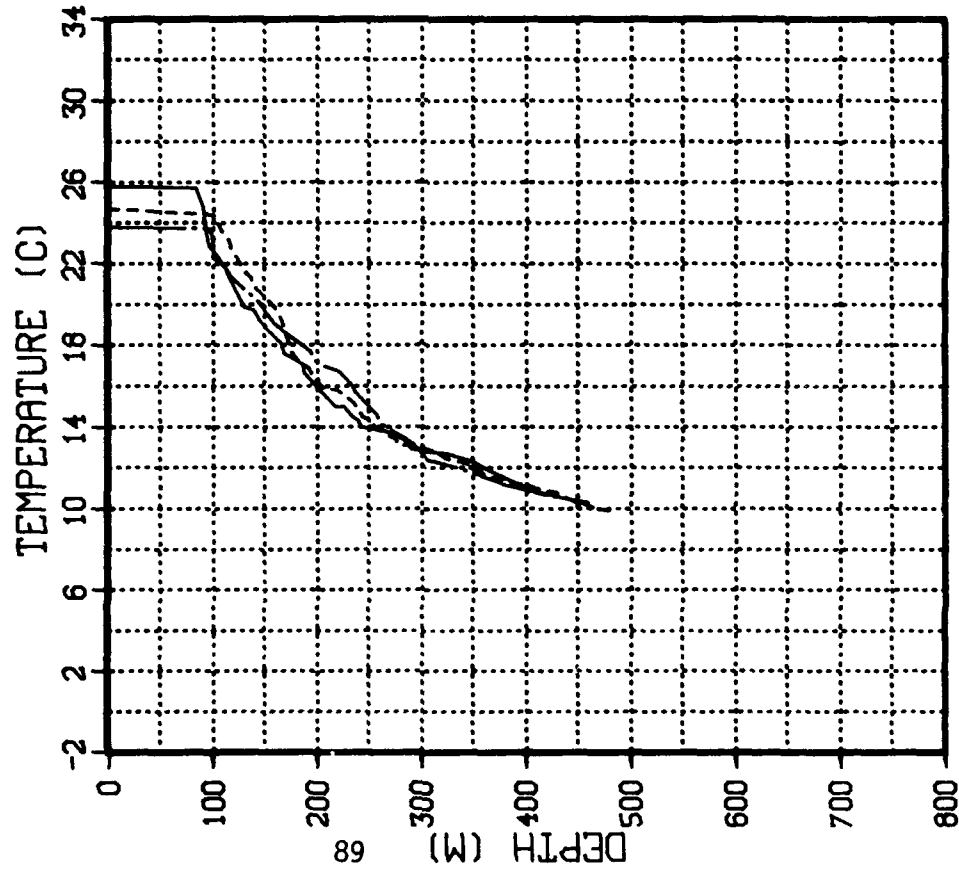


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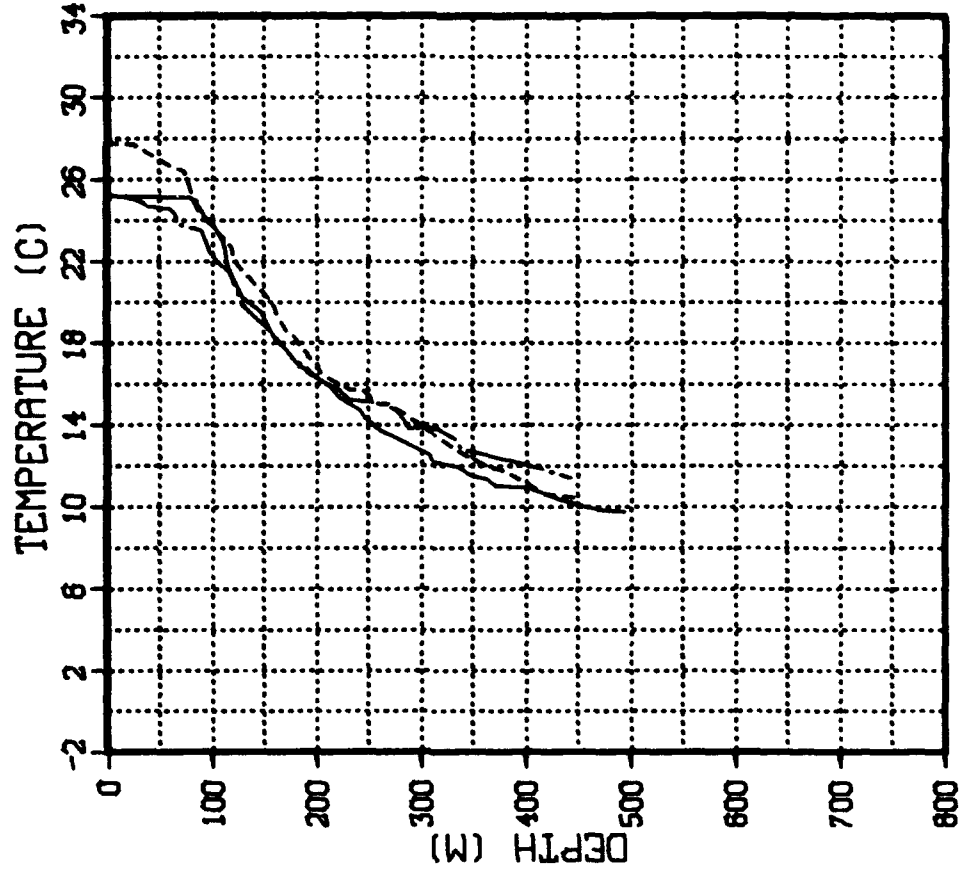


APR, MAY, JUN

C MASCARENE WARM C 7

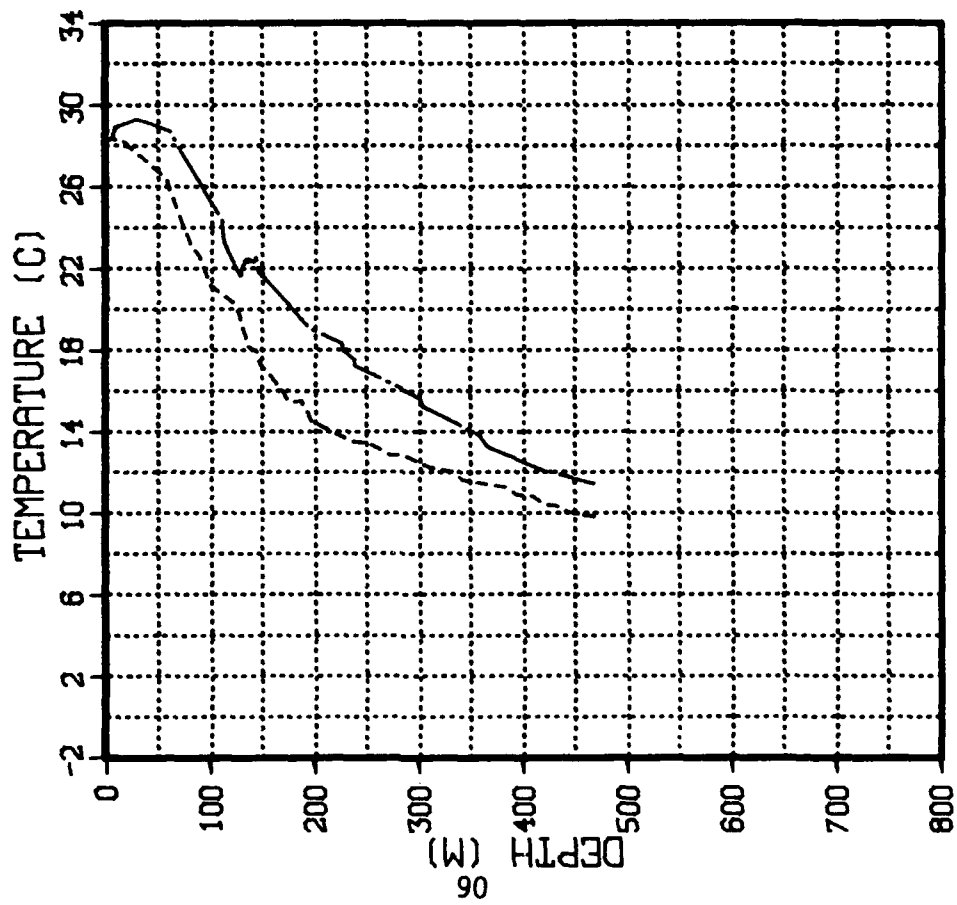


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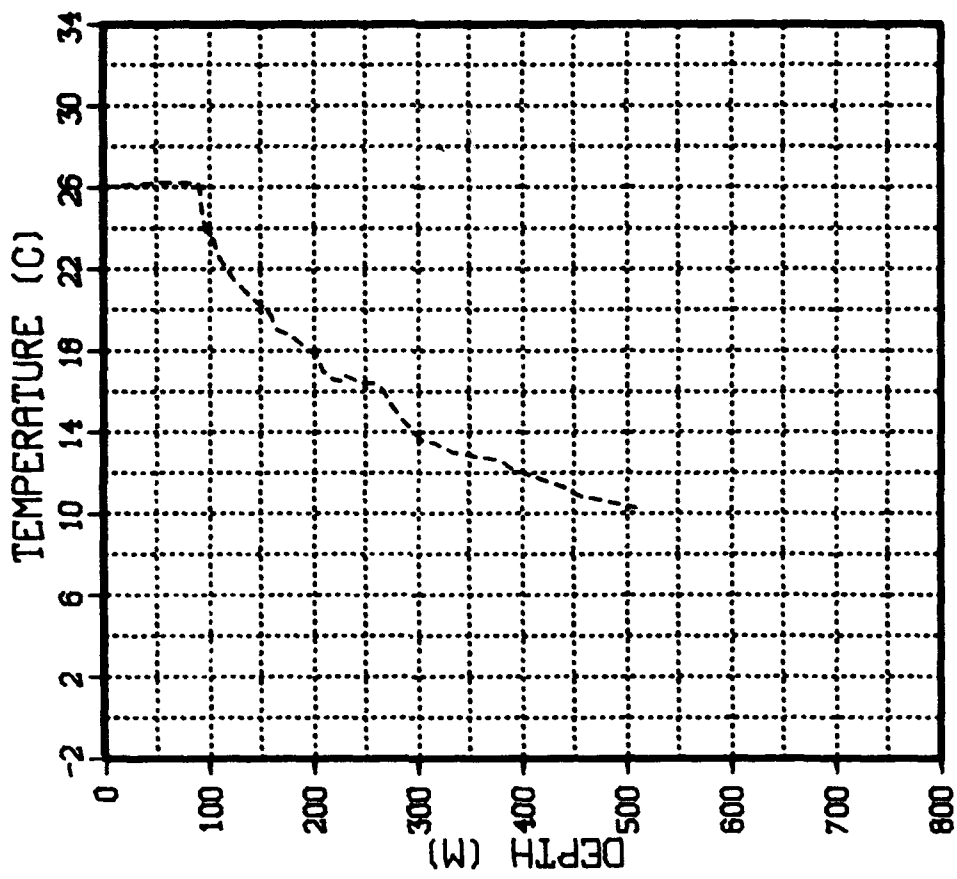


OCT, NOV, DEC

S SOMALI C 8

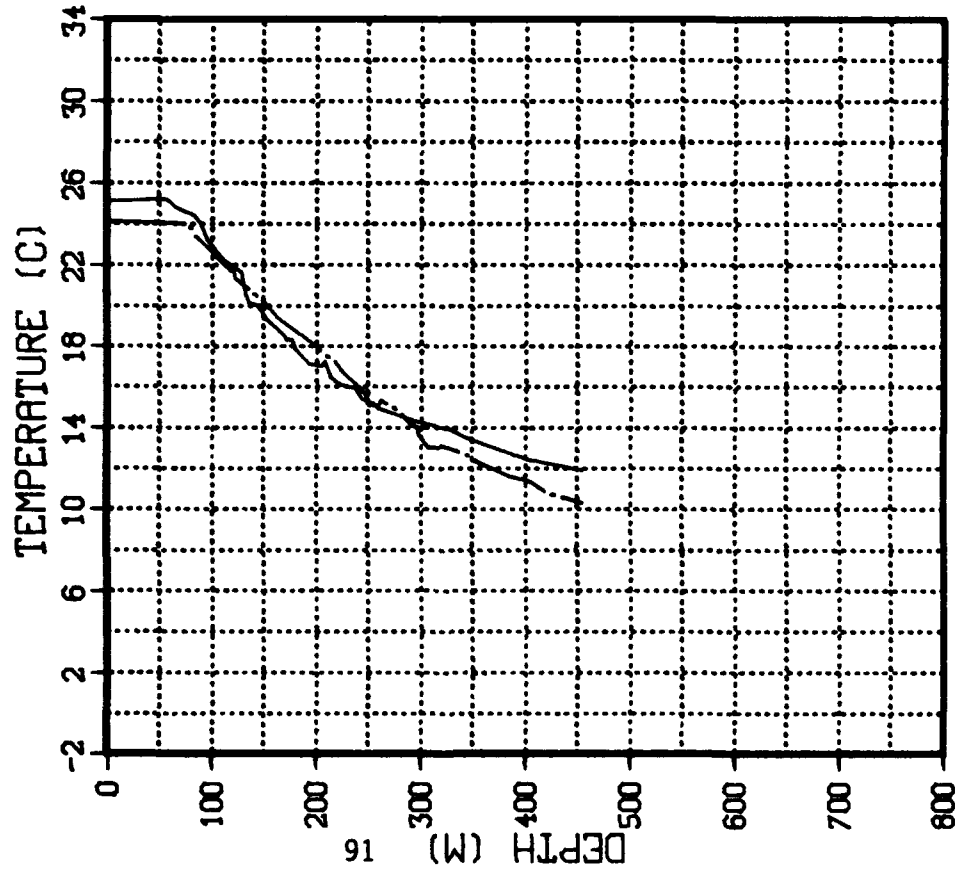


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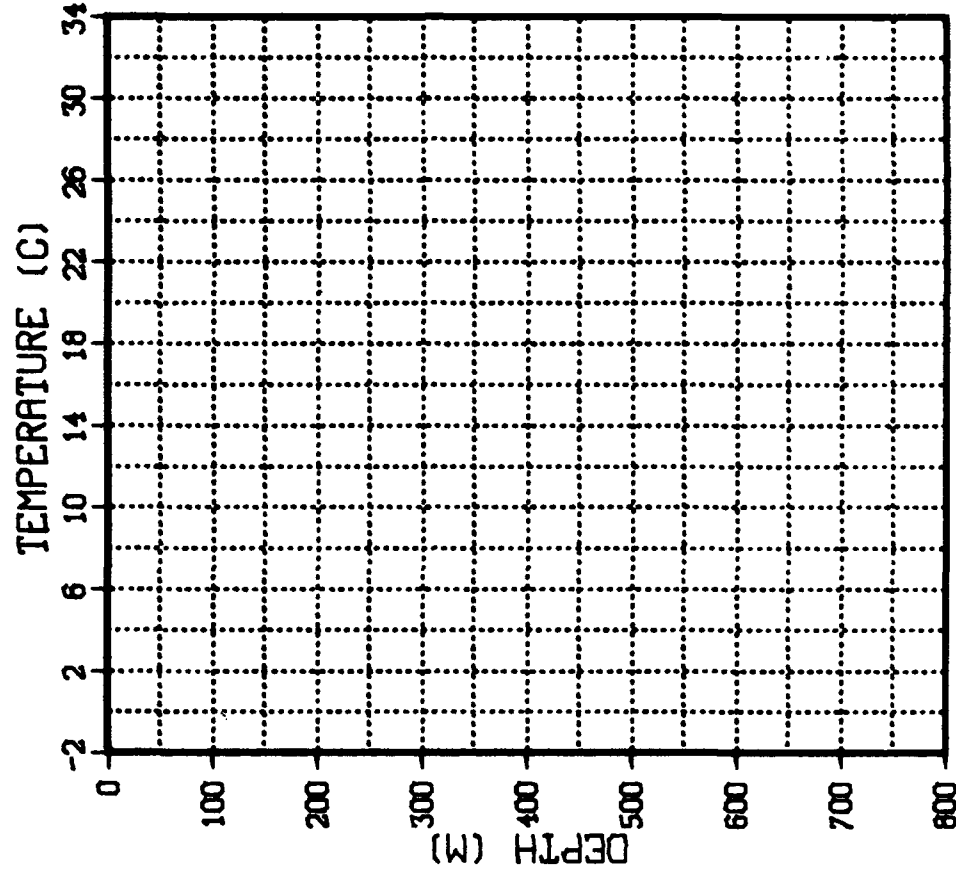


APR, MAY, JUN

SOMALI C 8

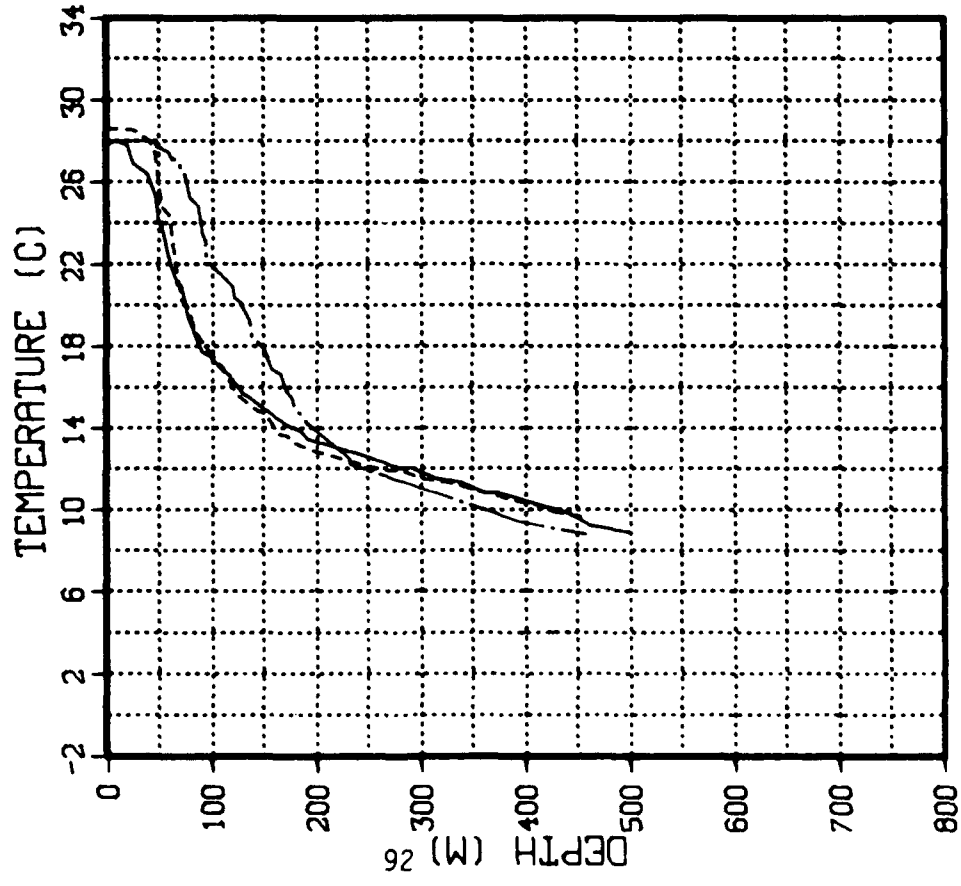


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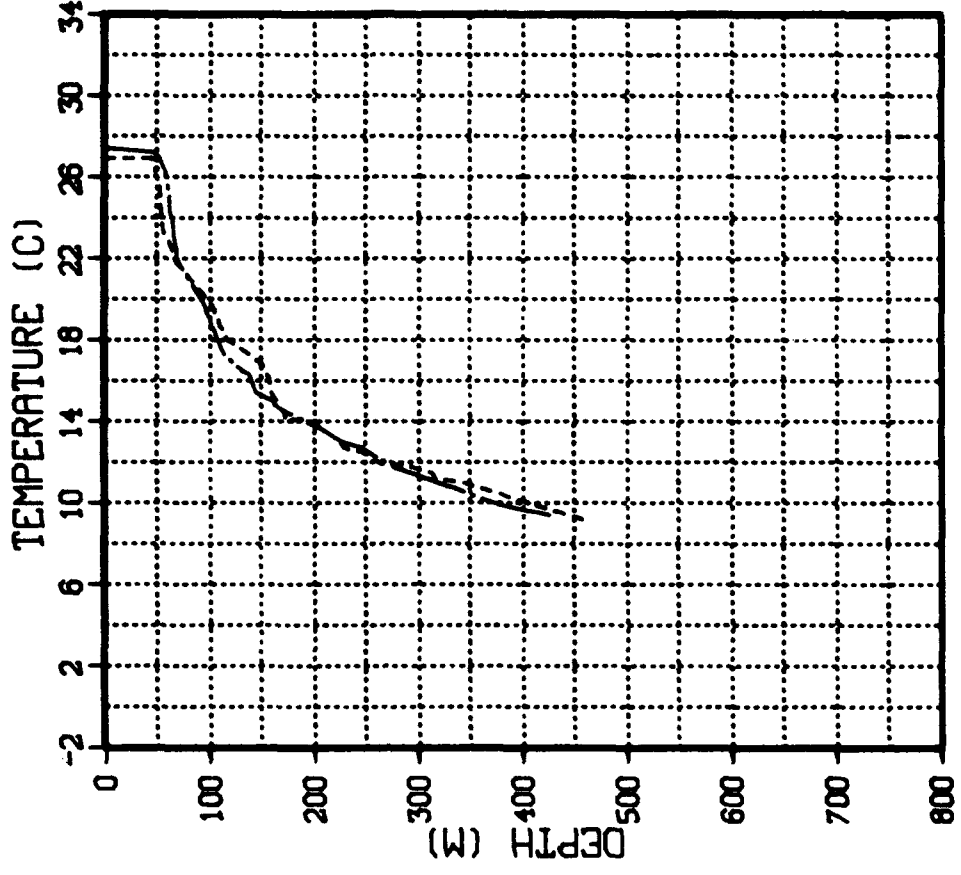


OCT, NOV, DEC

S INDIAN COLD C 9

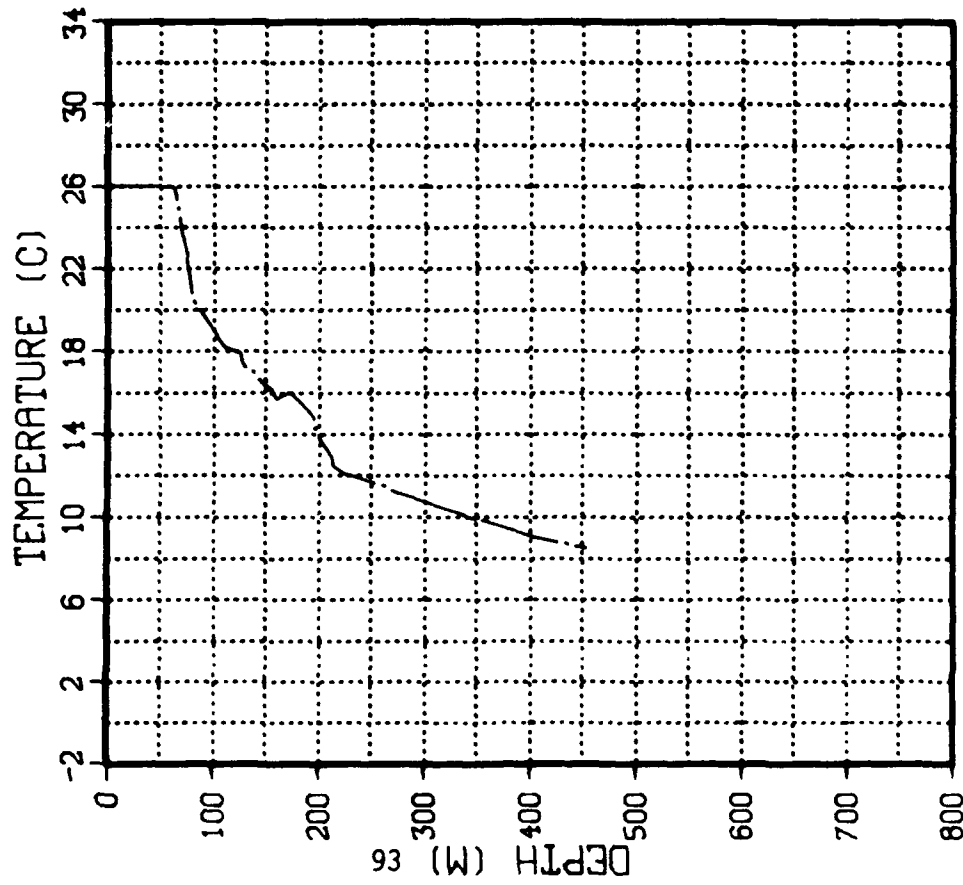


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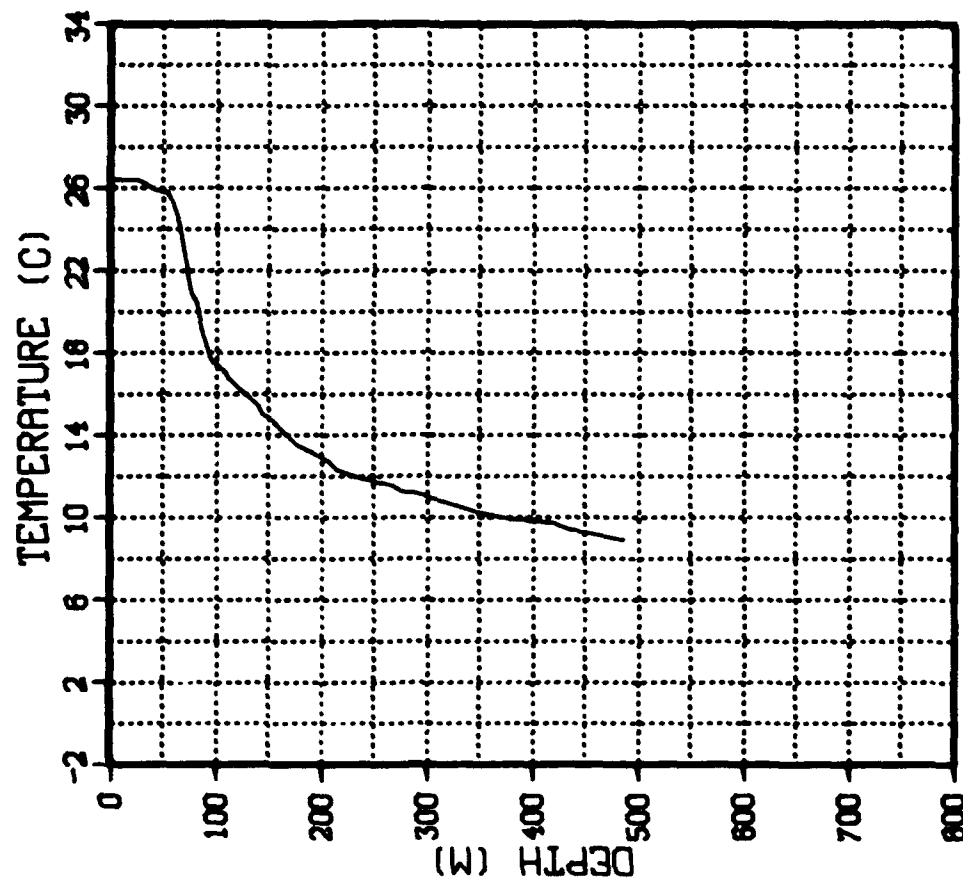


APR, MAY, JUN

S INDIAN COLD C 9

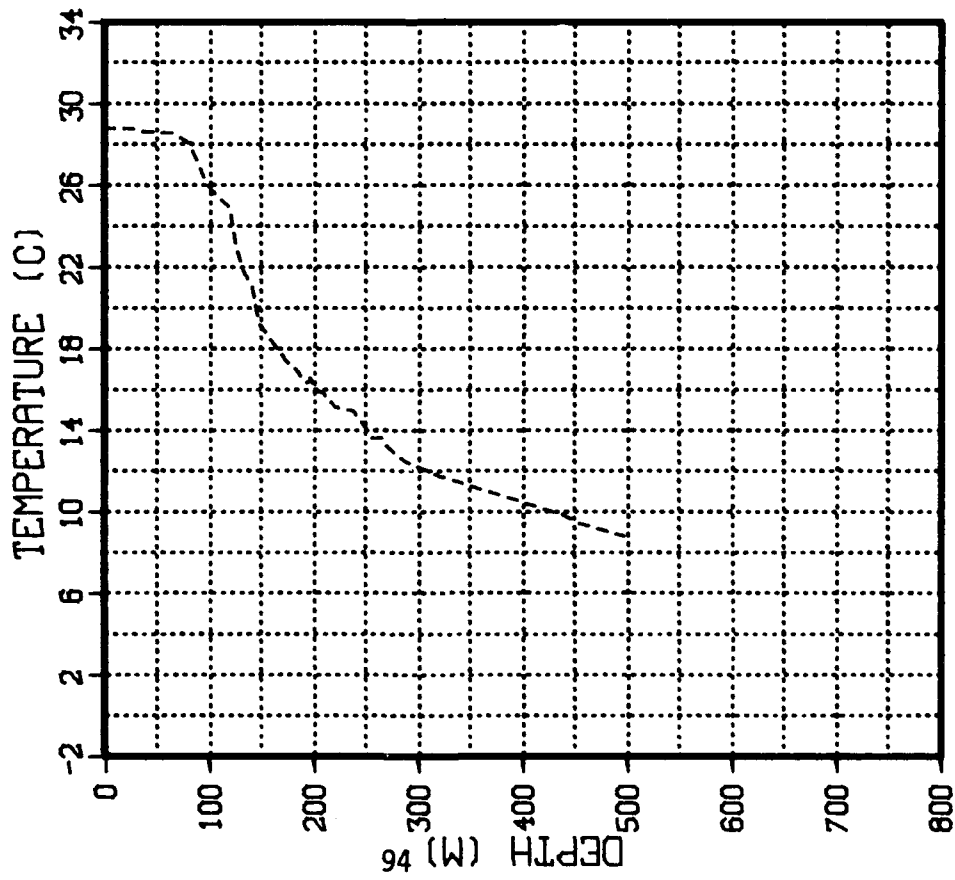


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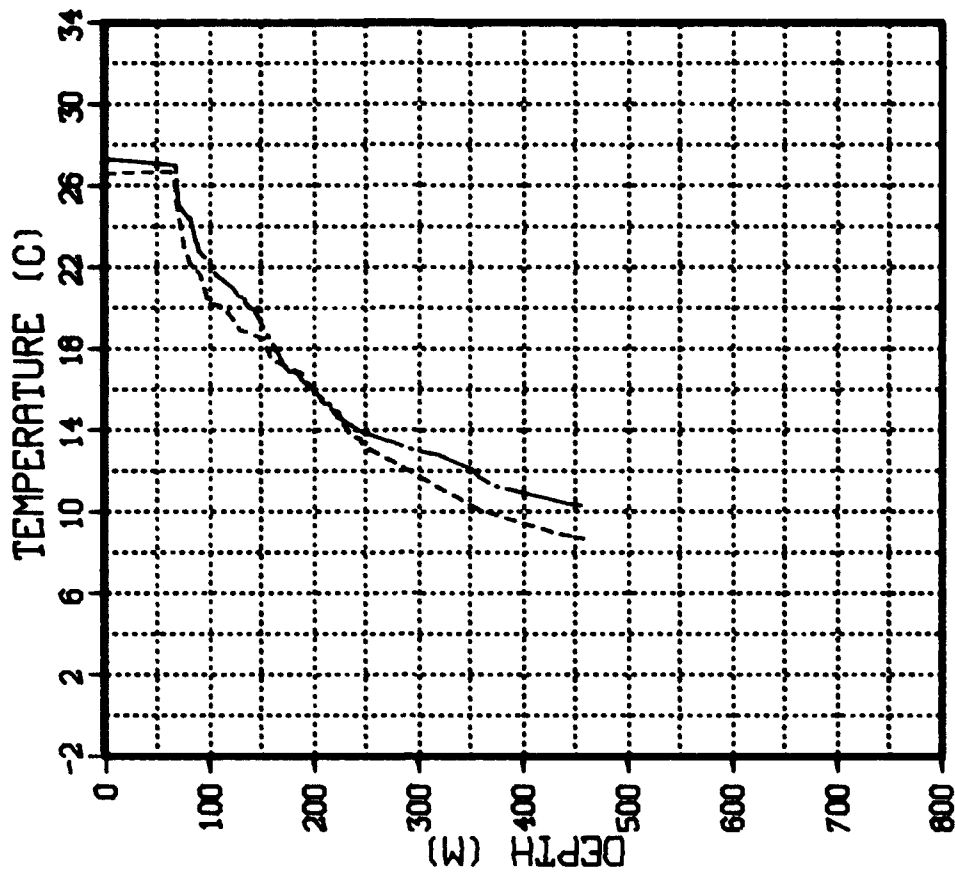


OCT, NOV, DEC

S INDIAN WARM C 9

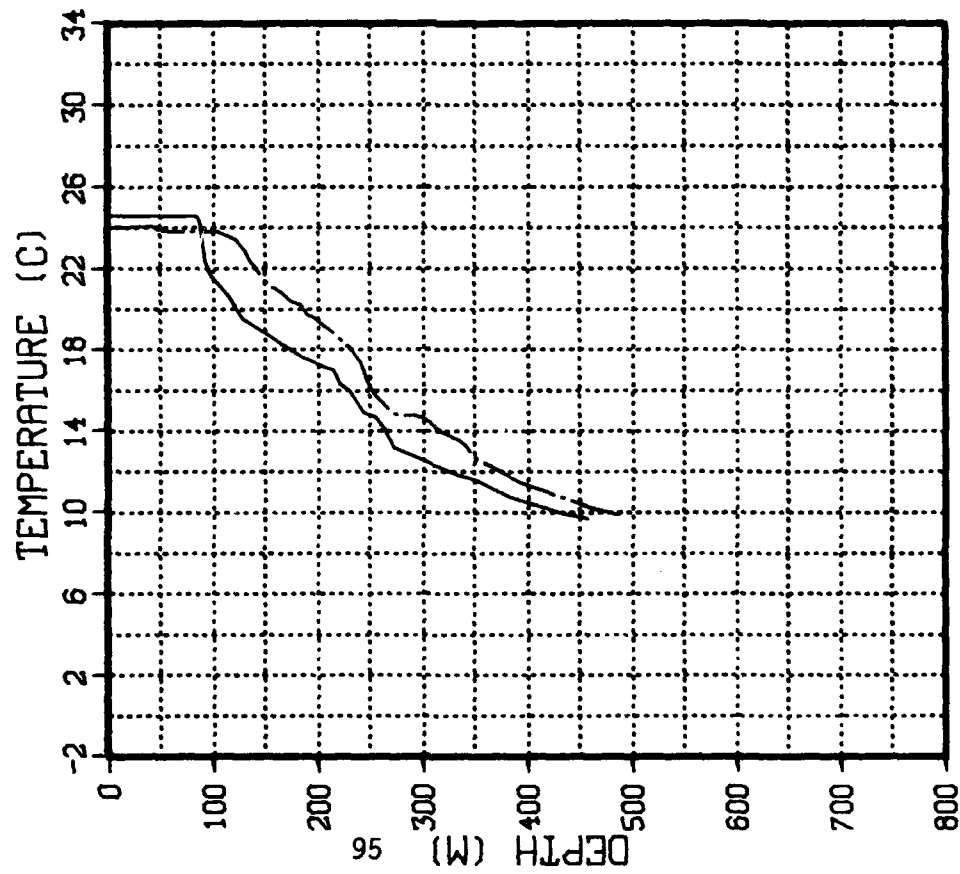


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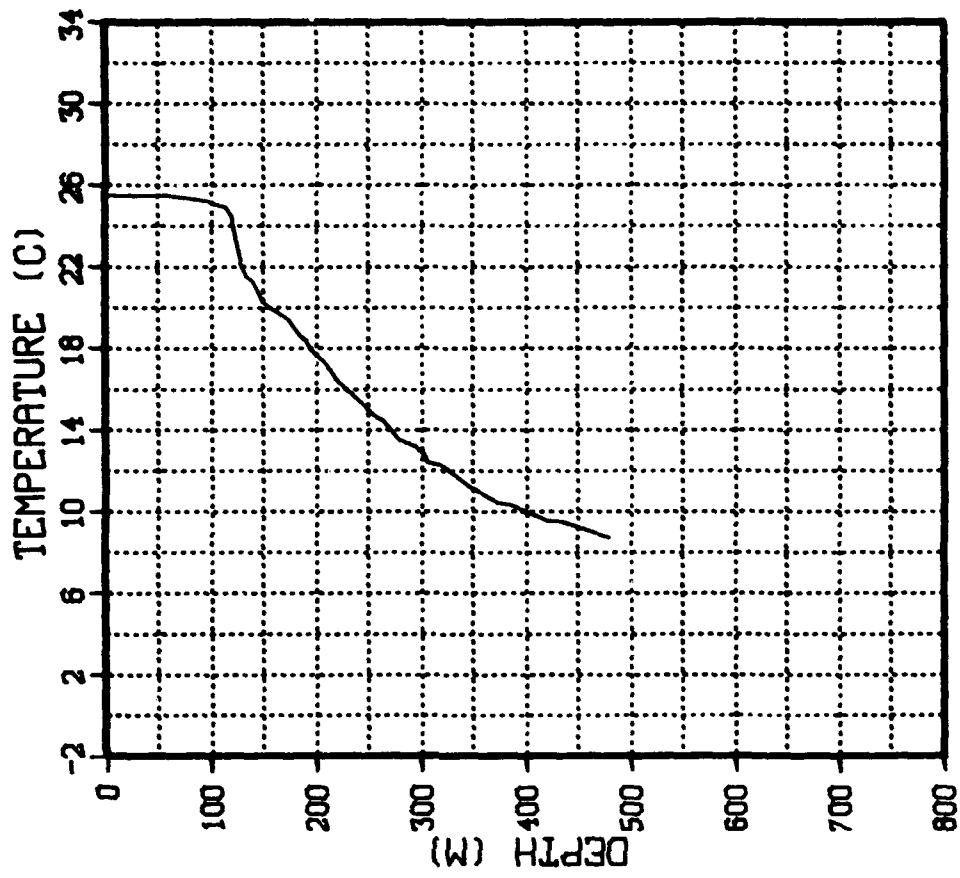


APR, MAY, JUN

S INDIAN WARM C 9

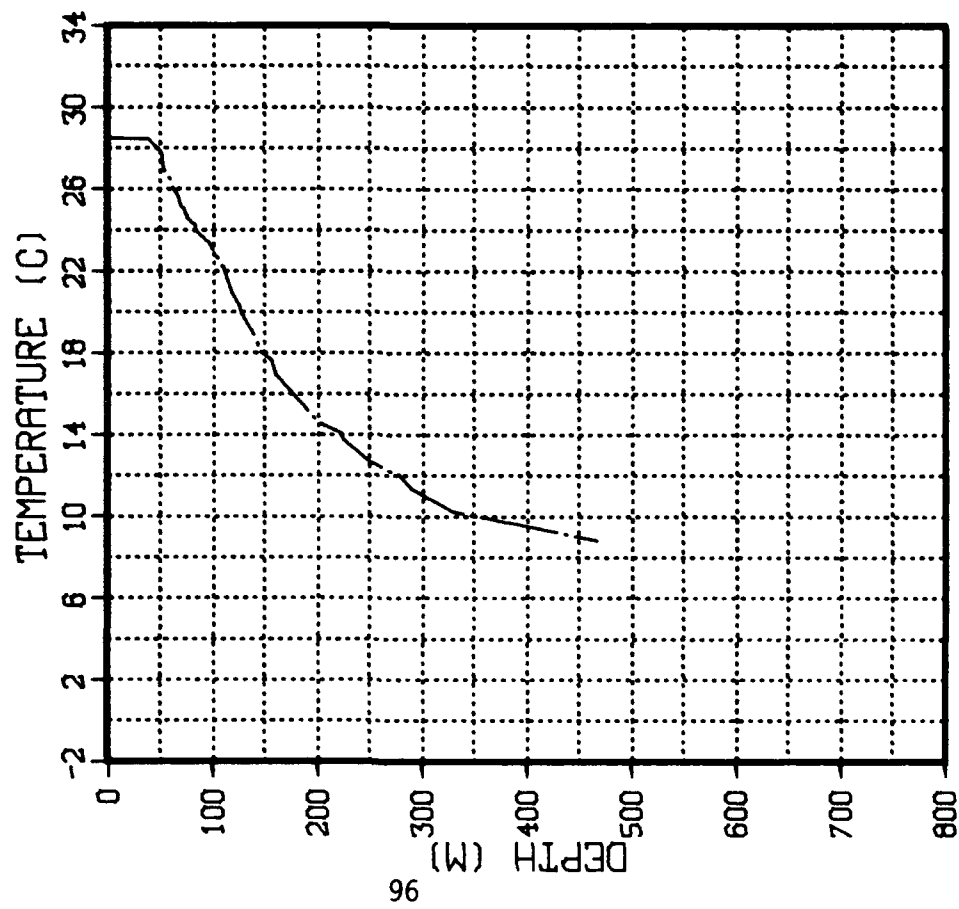


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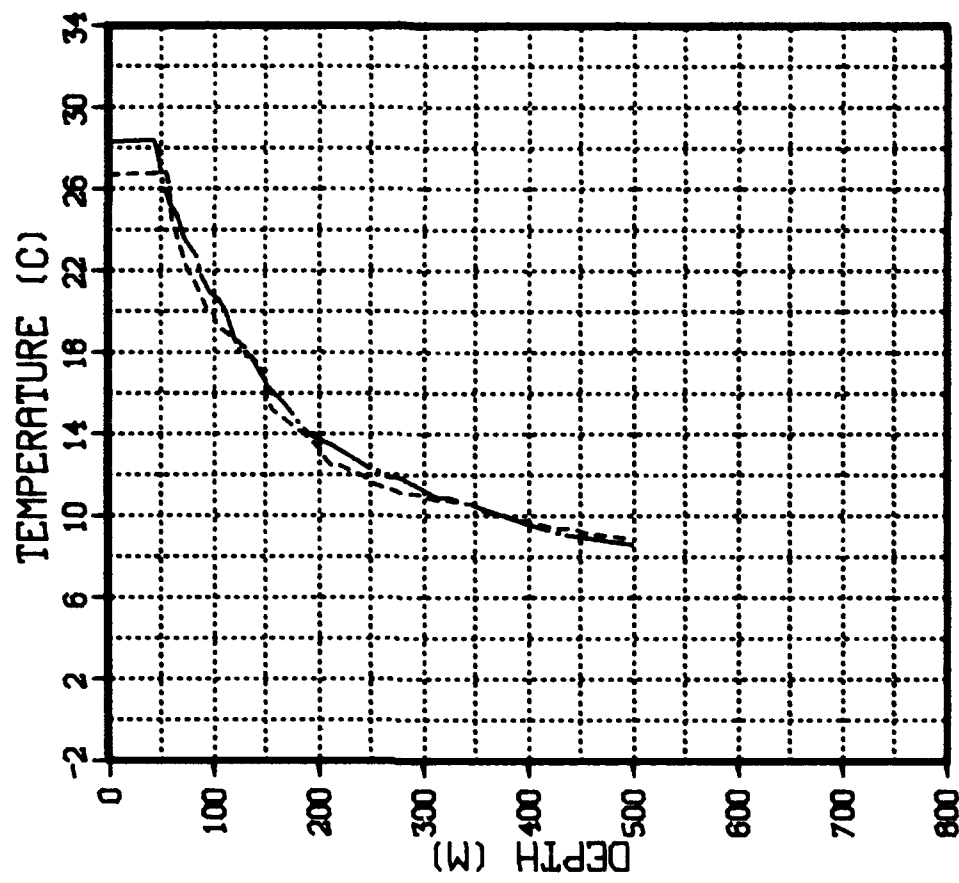


OCT, NOV, DEC

WHARTON COLD C10

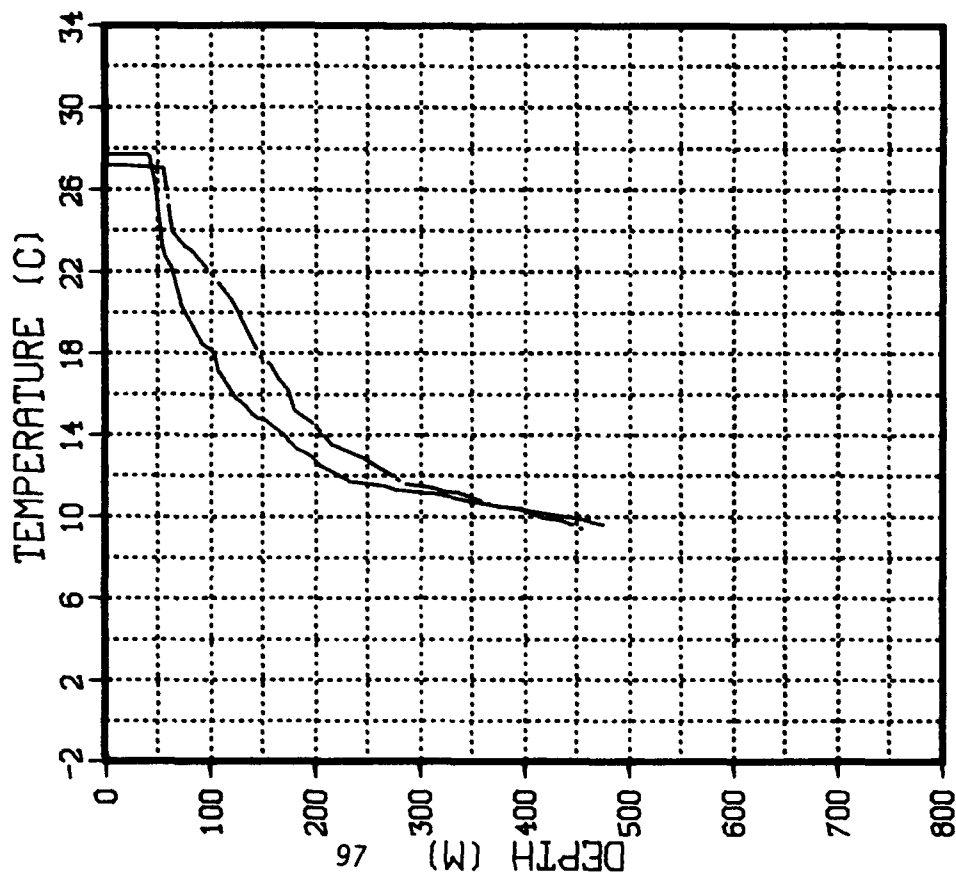


JAN, FEB, MAR

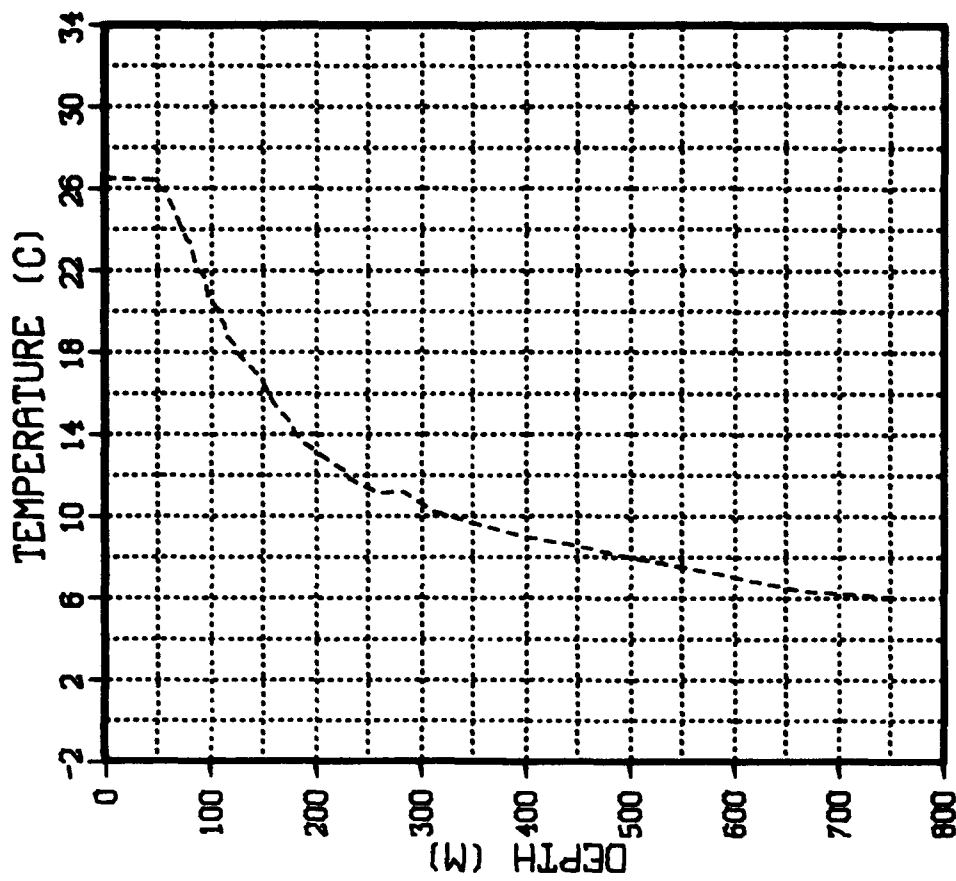


APR, MAY, JUN

WHARTON COLD C10

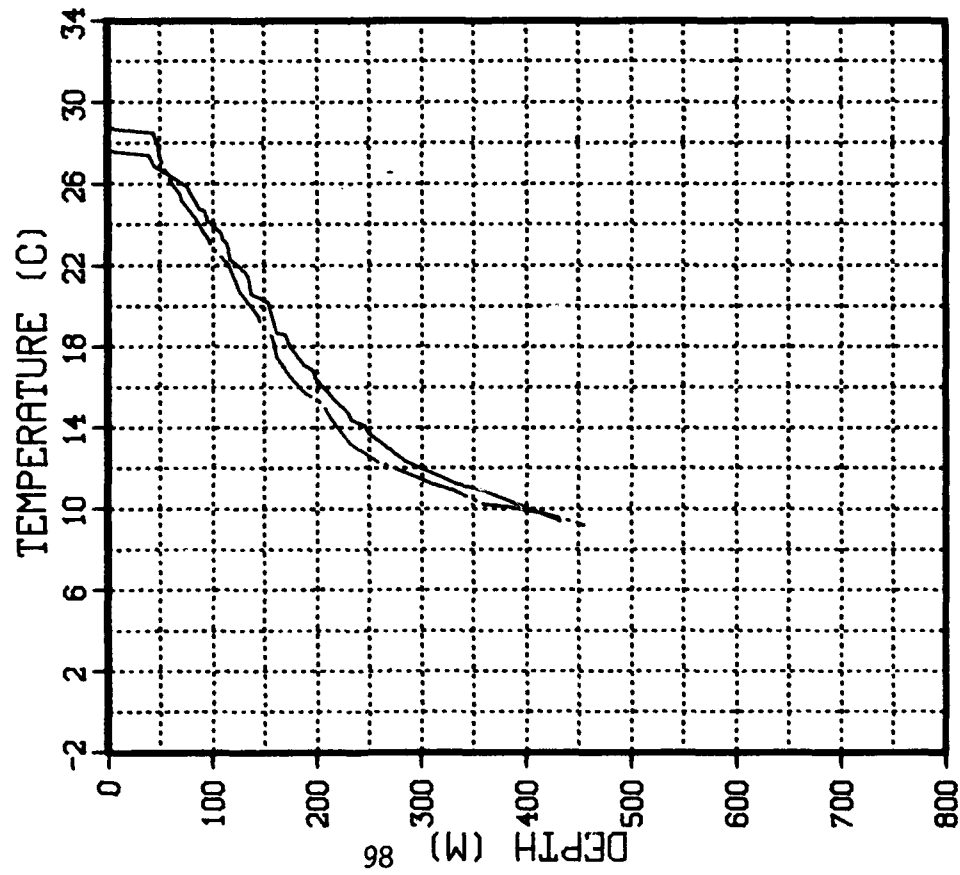


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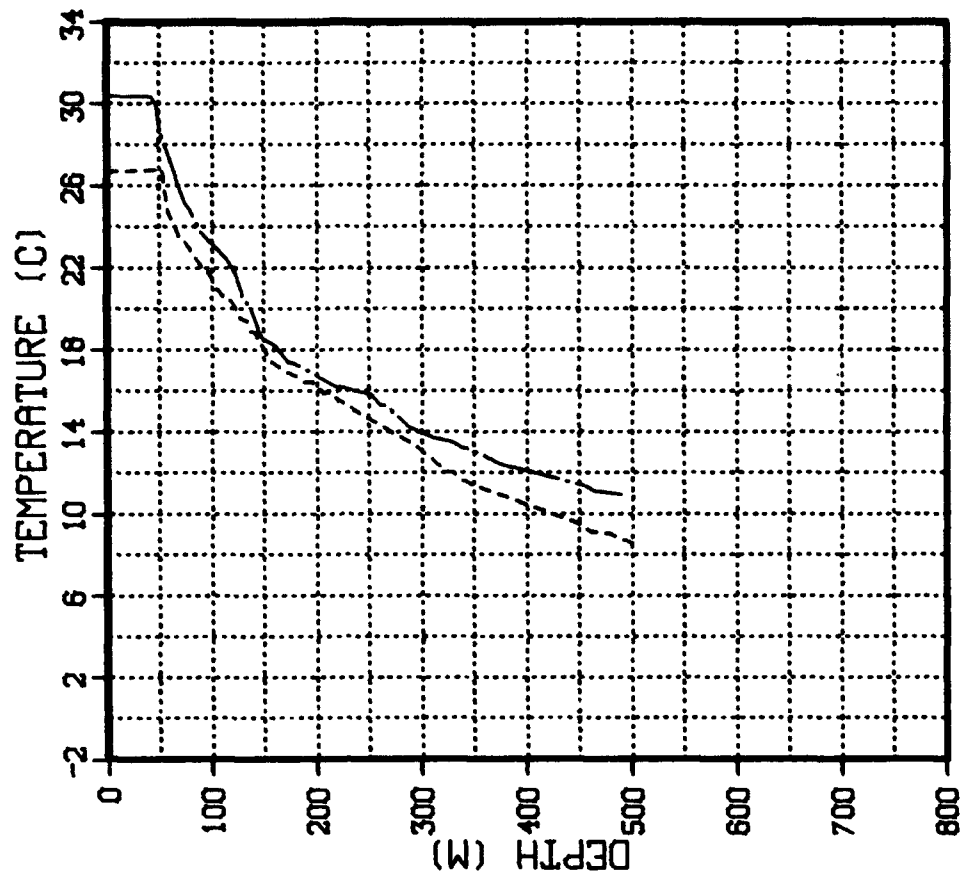


OCT, NOV, DEC

WHARTON WARM C10

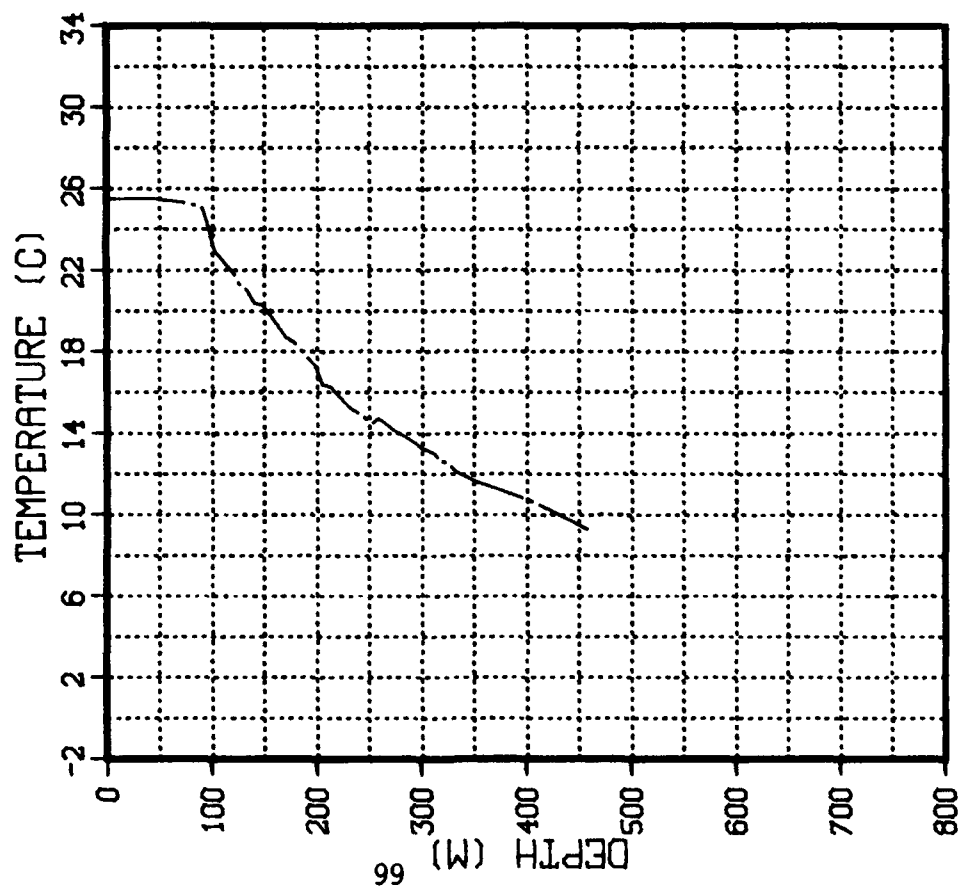


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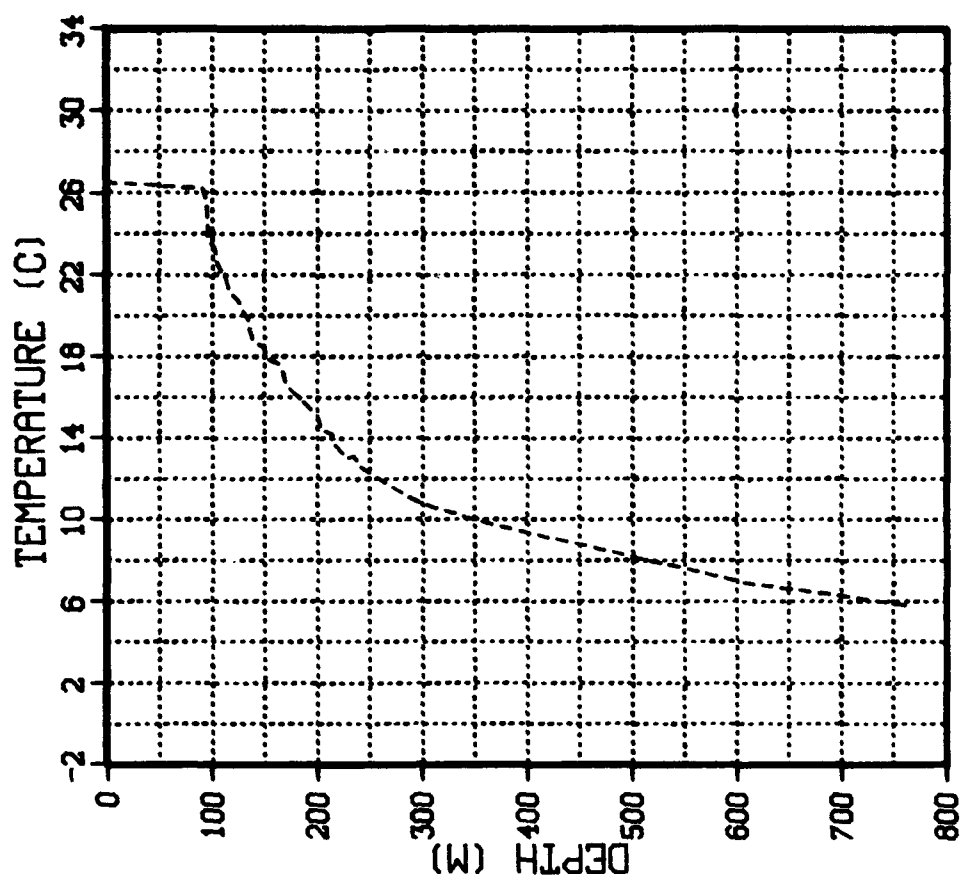


APR, MAY, JUN

WHARTON WARM C10

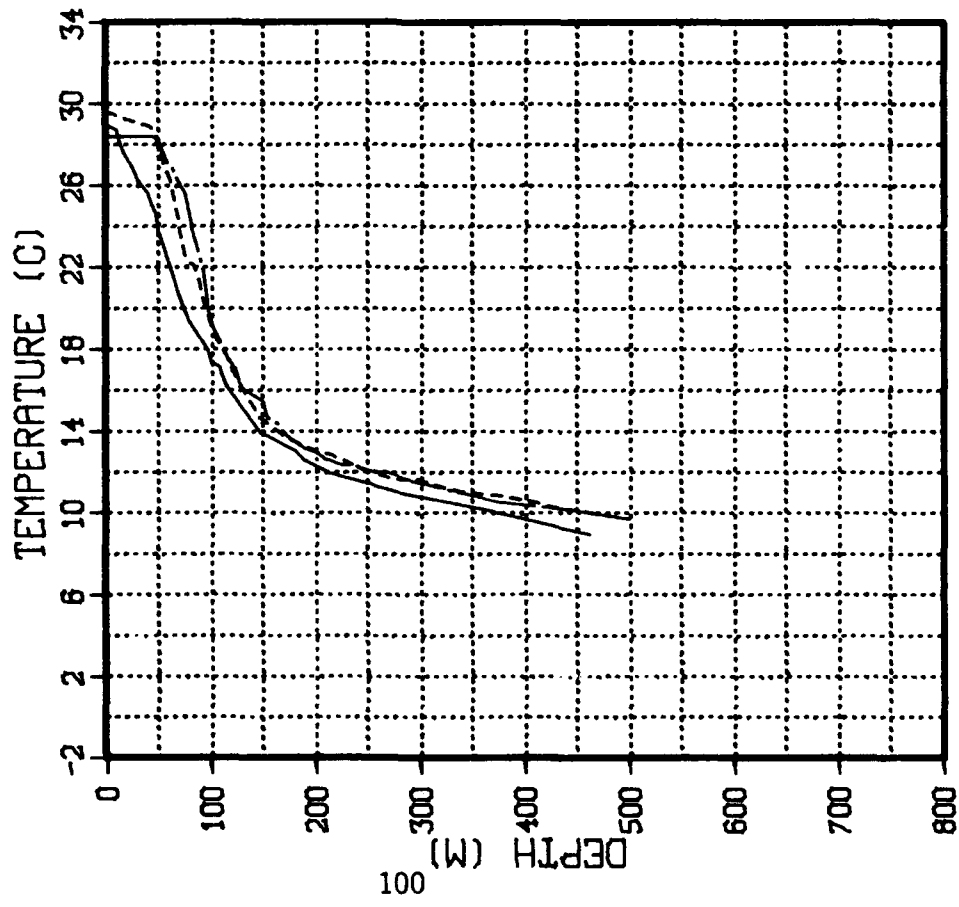


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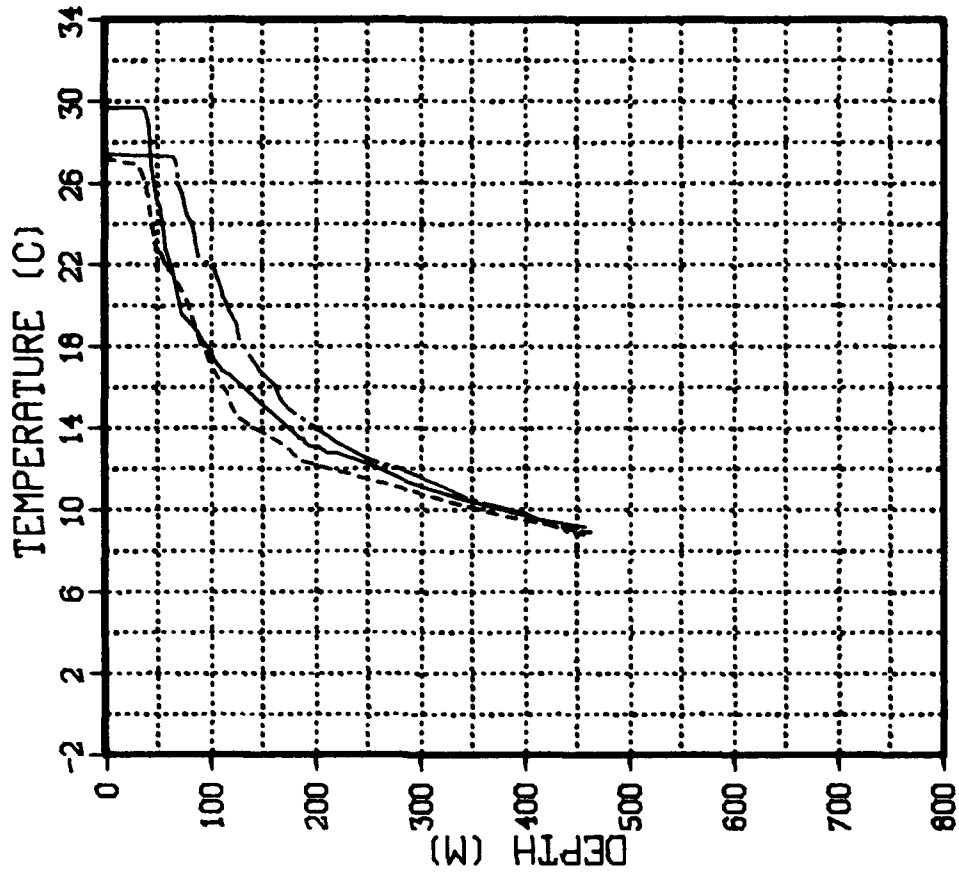


OCT, NOV, DEC

WEST SOMALI C11

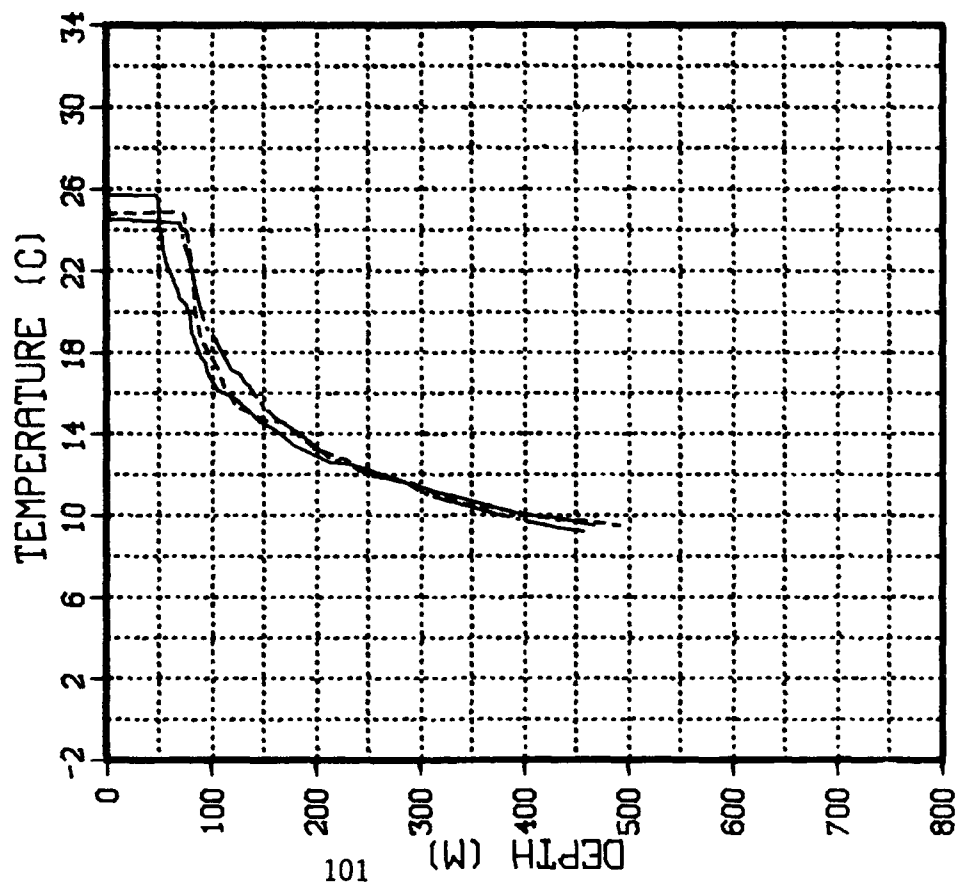


JAN, FEB, MAR

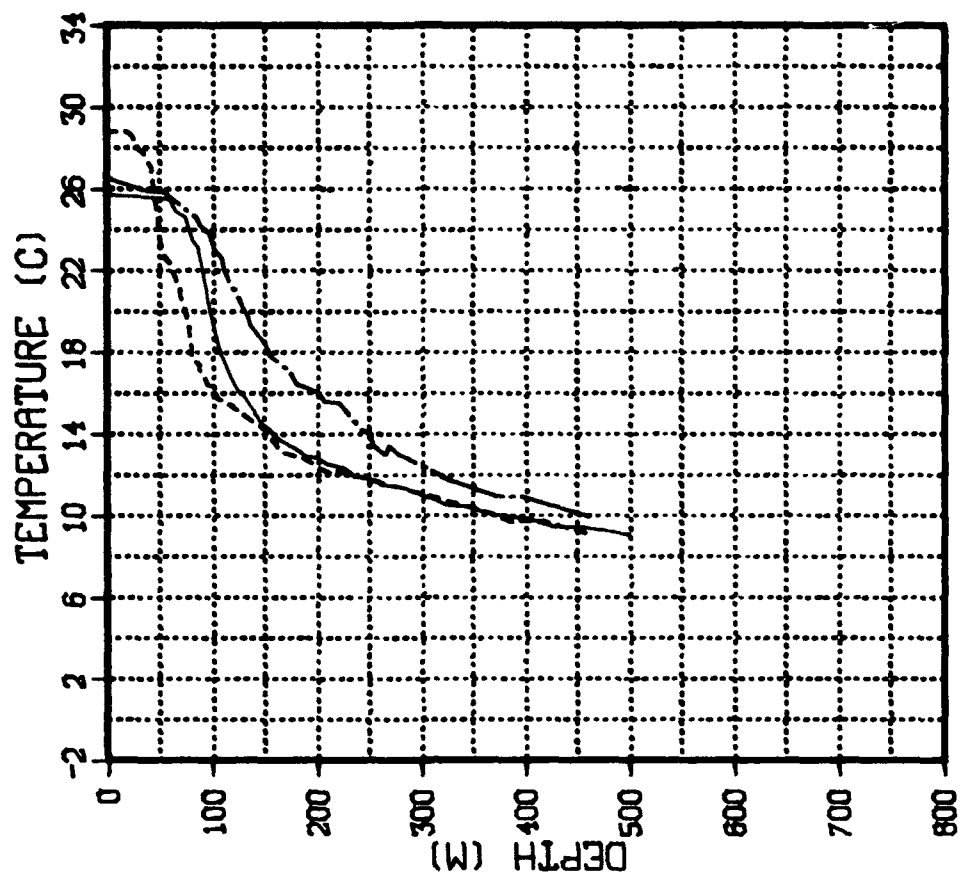


APR, MAY, JUN

WEST SOMALI C11

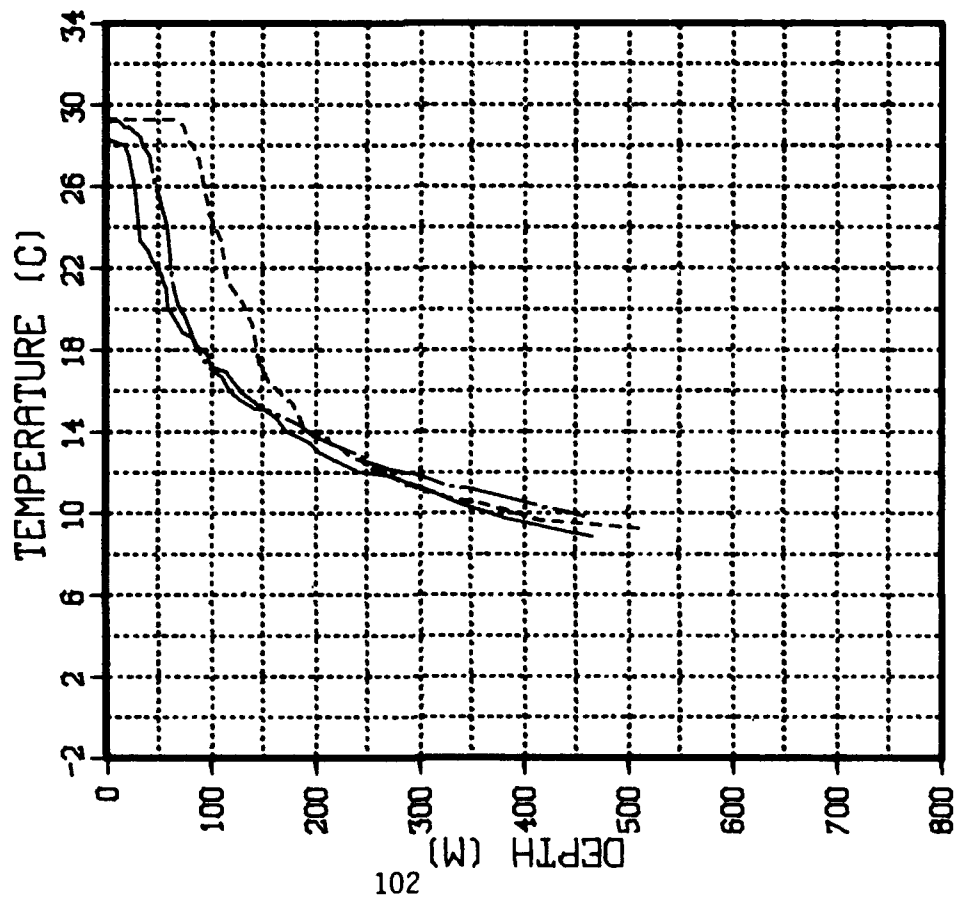


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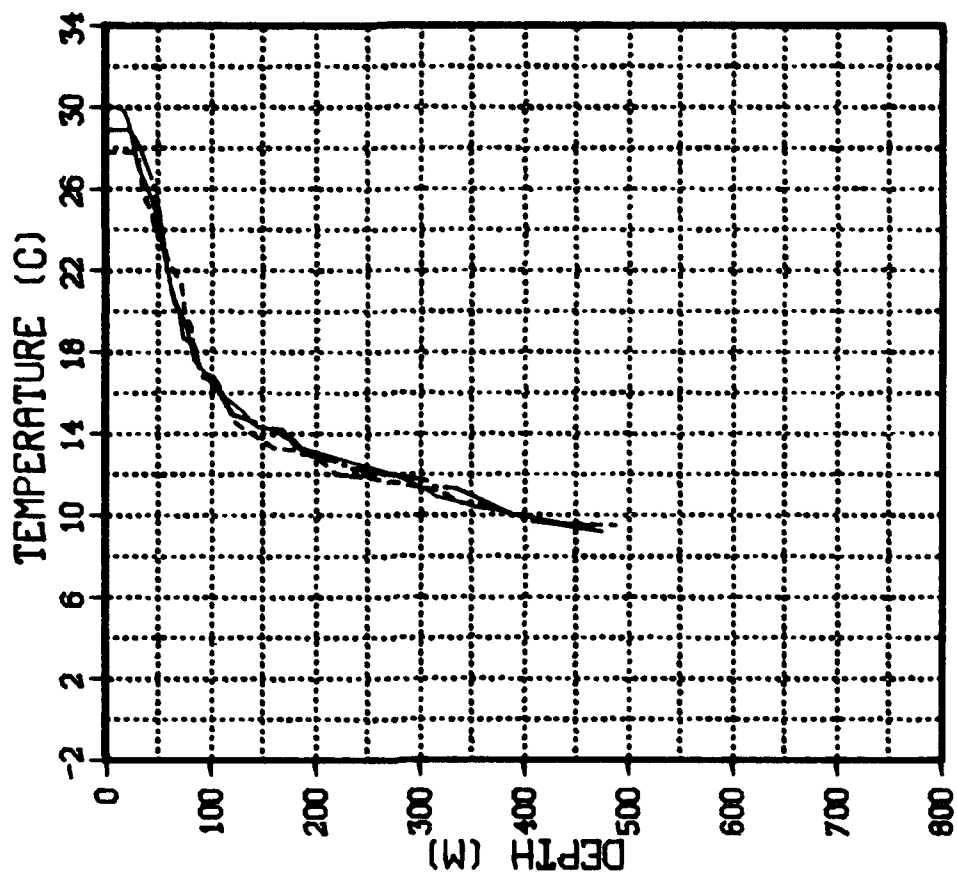


OCT, NOV, DEC

N MASCARENE C12

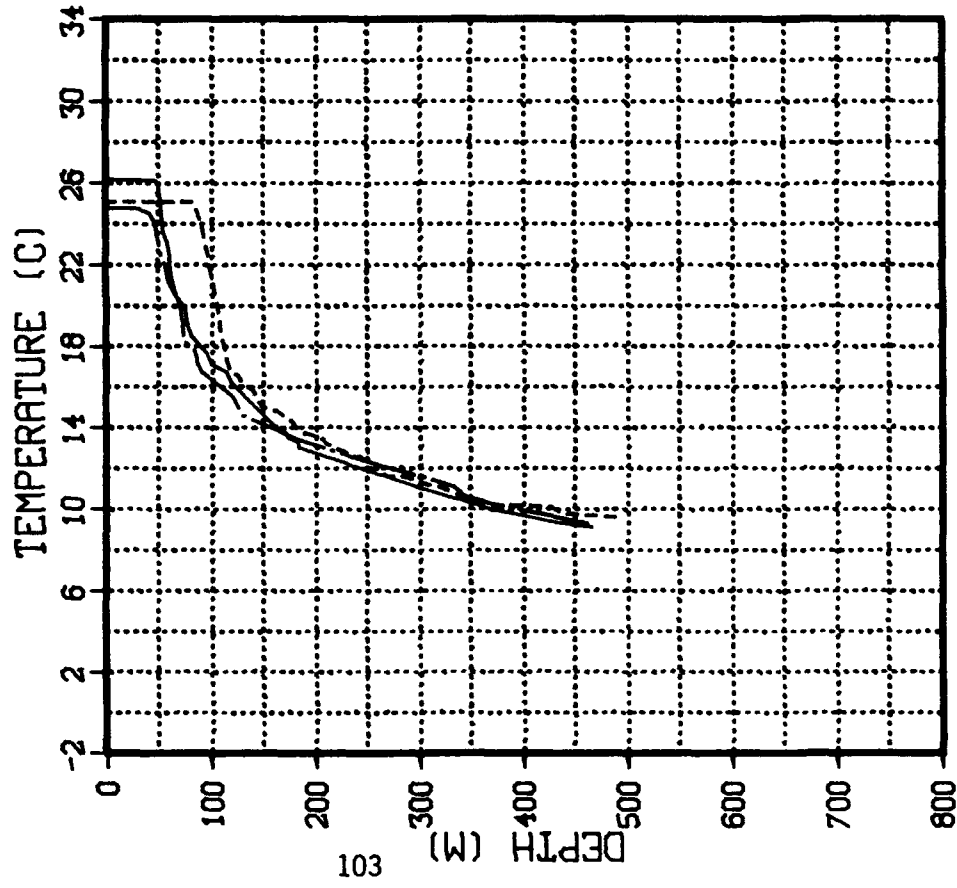


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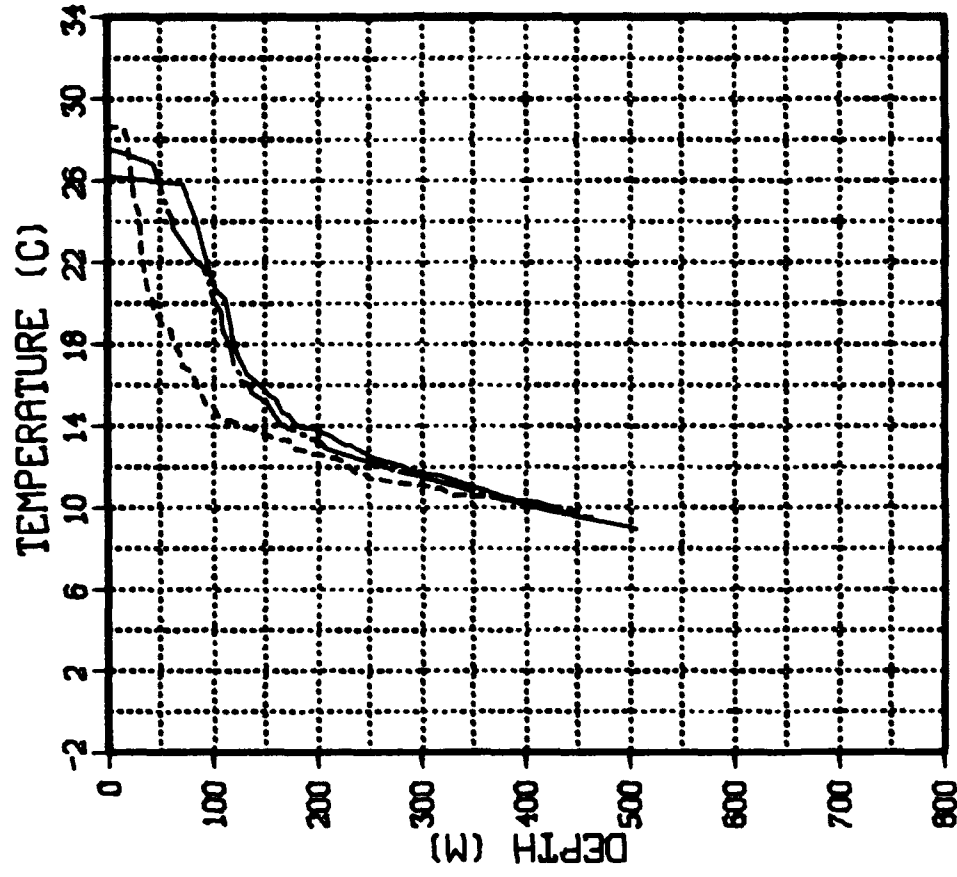


APR, MAY, JUN

N MASCARENE C12

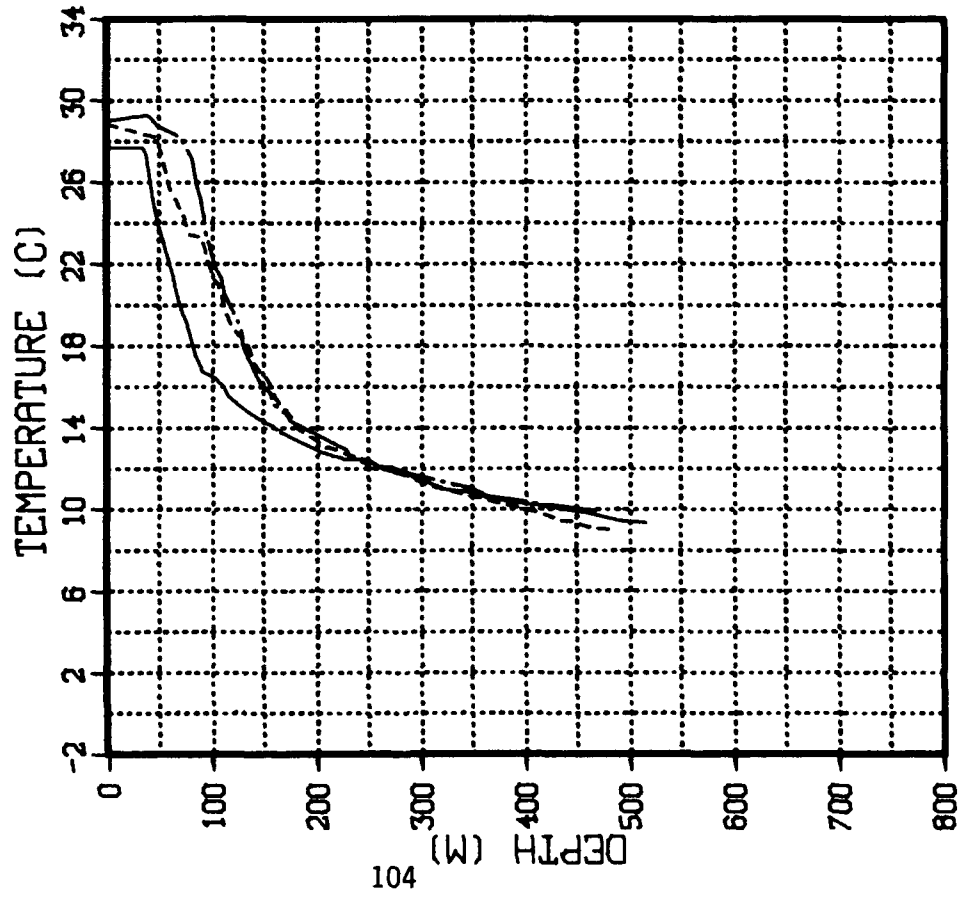


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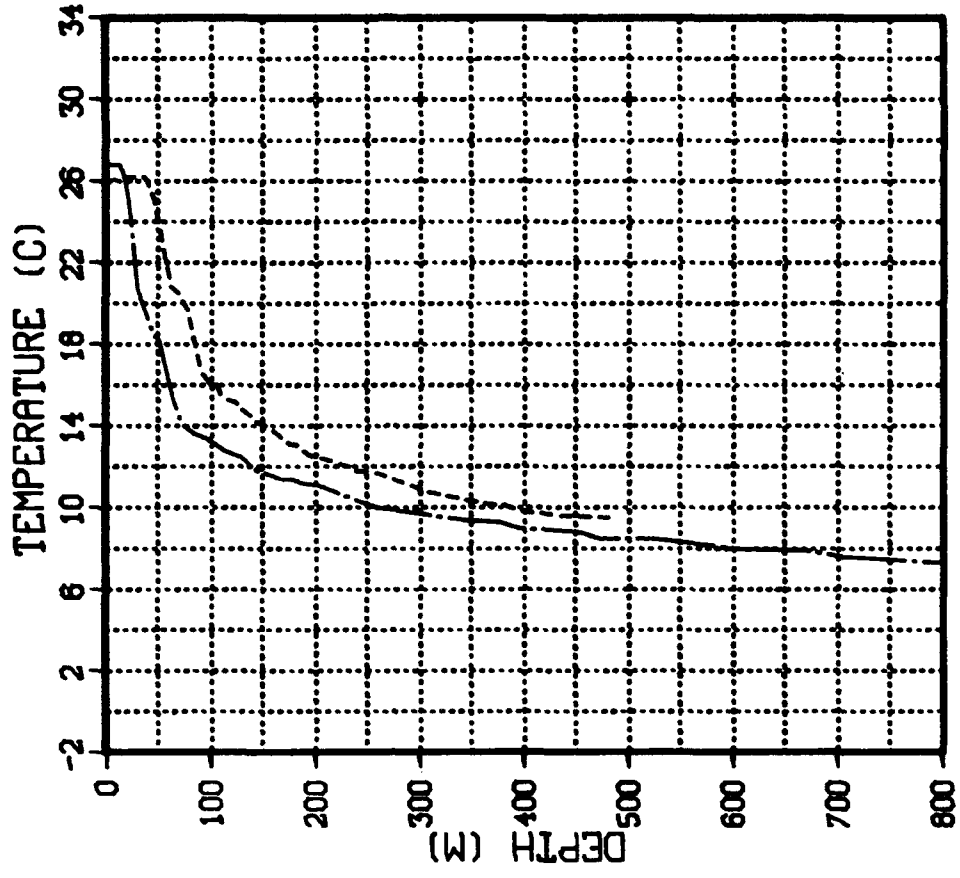


OCT, NOV, DEC

EAST SOMALI C13

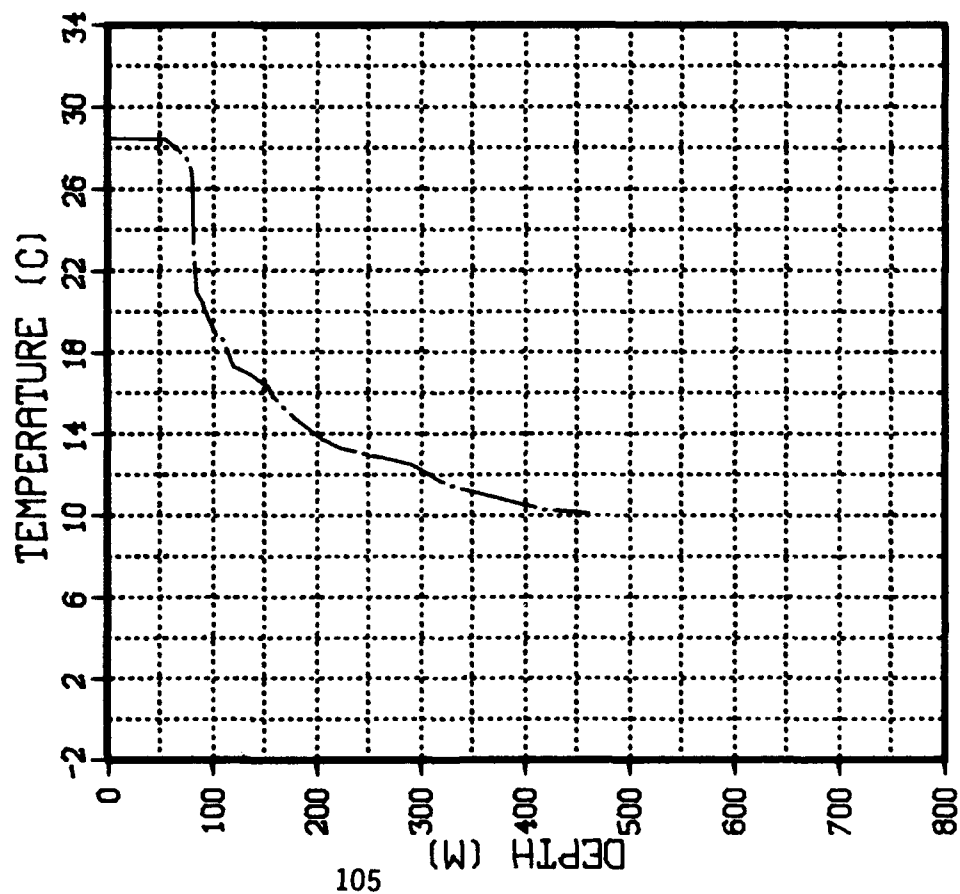


JAN, FEB, MAR

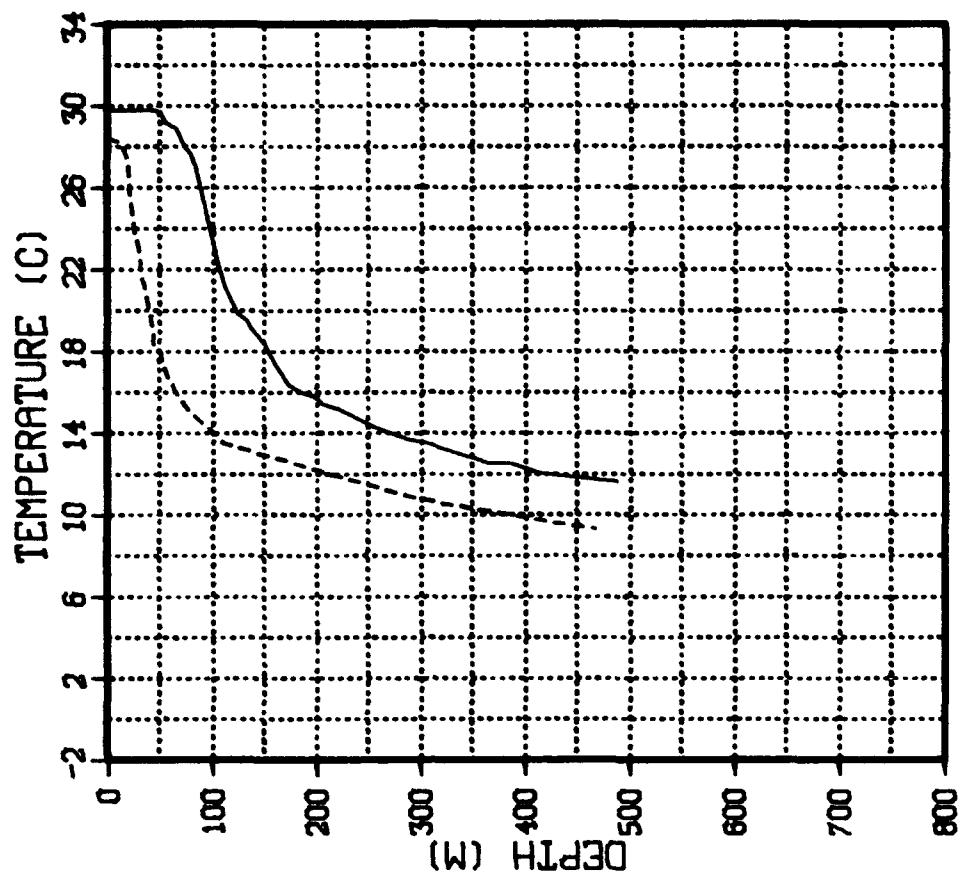


APR, MAY, JUN

EAST SOMALI C13

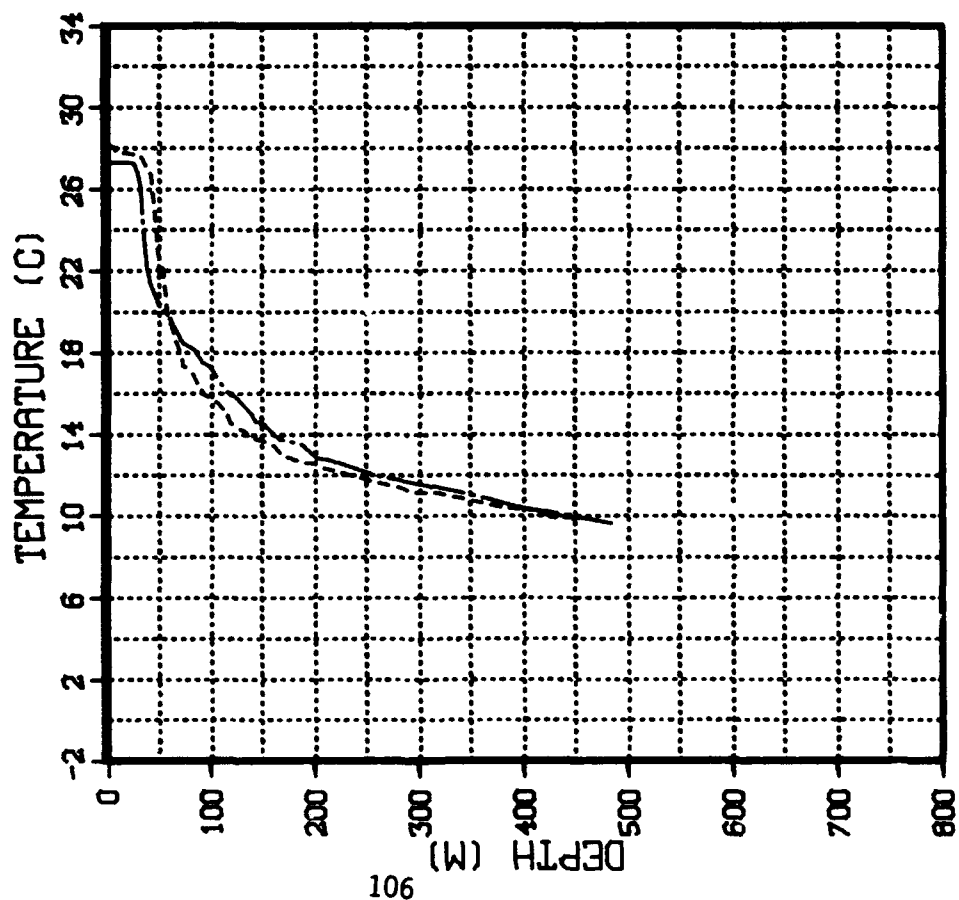


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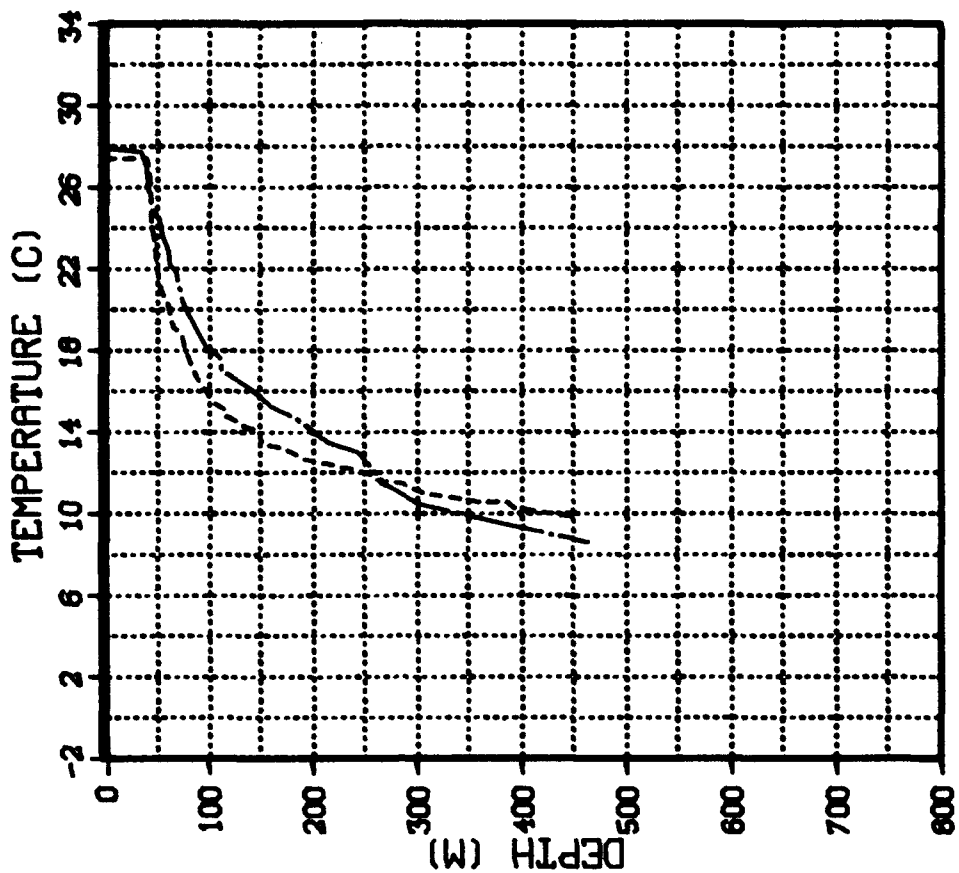


OCT, NOV, DEC

MID INDIAN C14

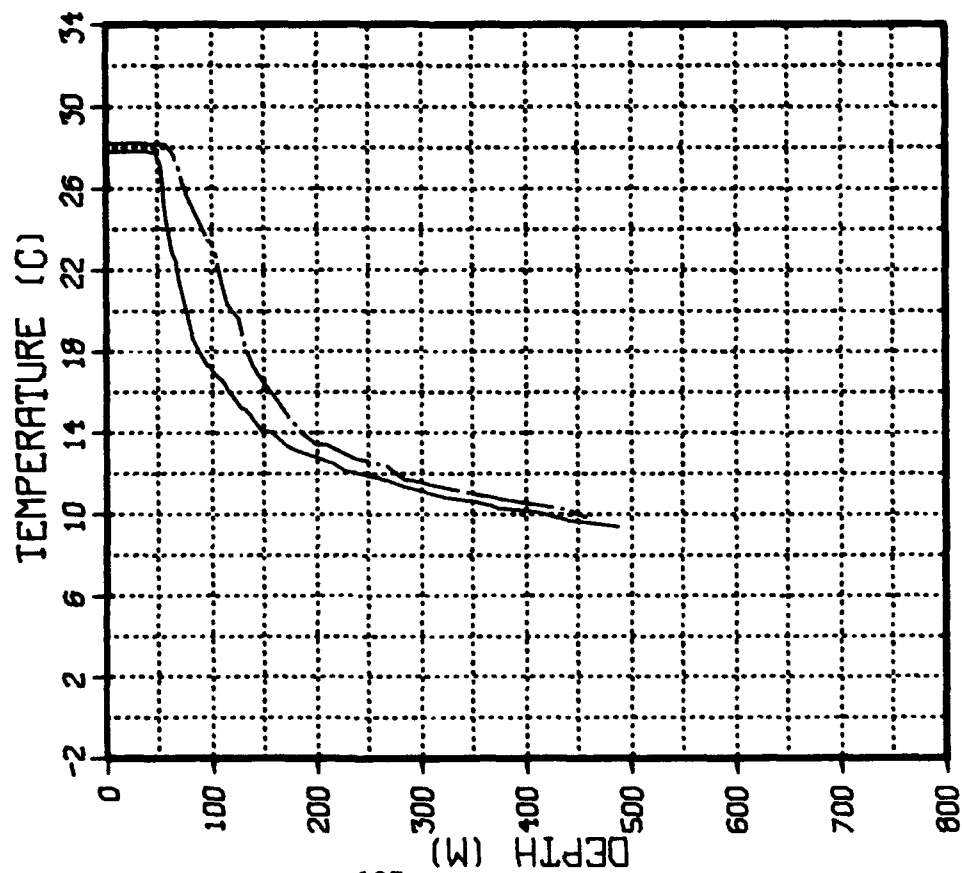


JAN, FEB, MAR

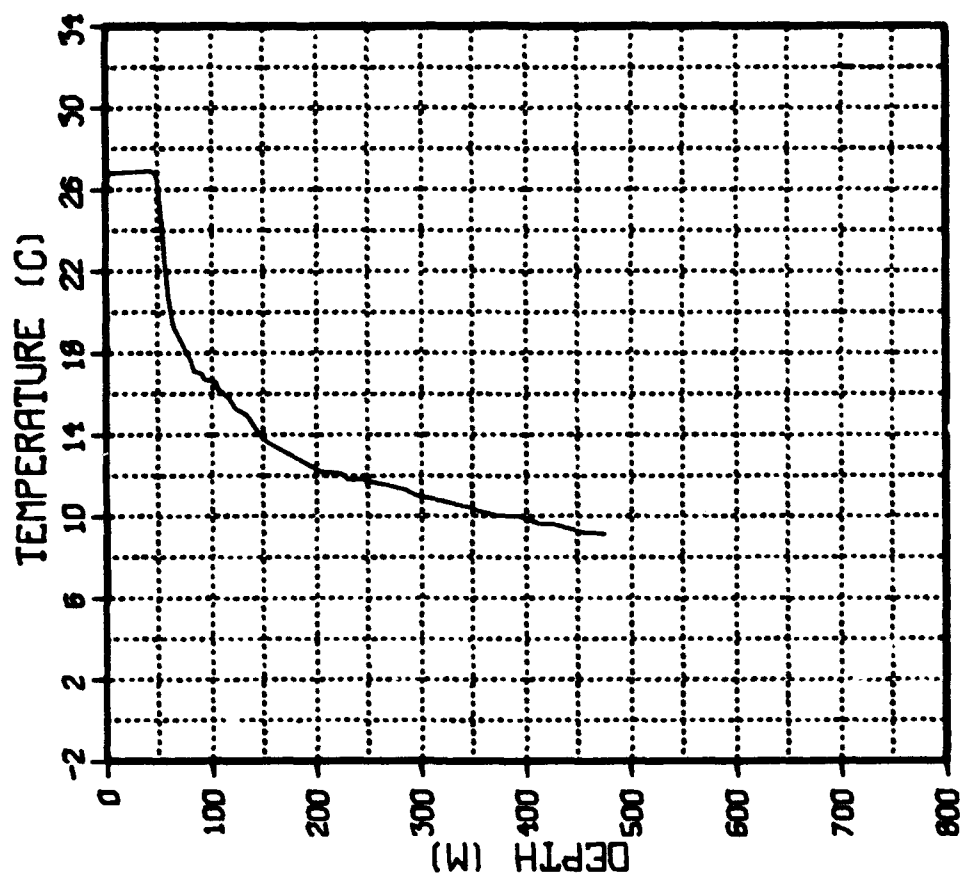


APR, MAY, JUN

MID INDIAN C14

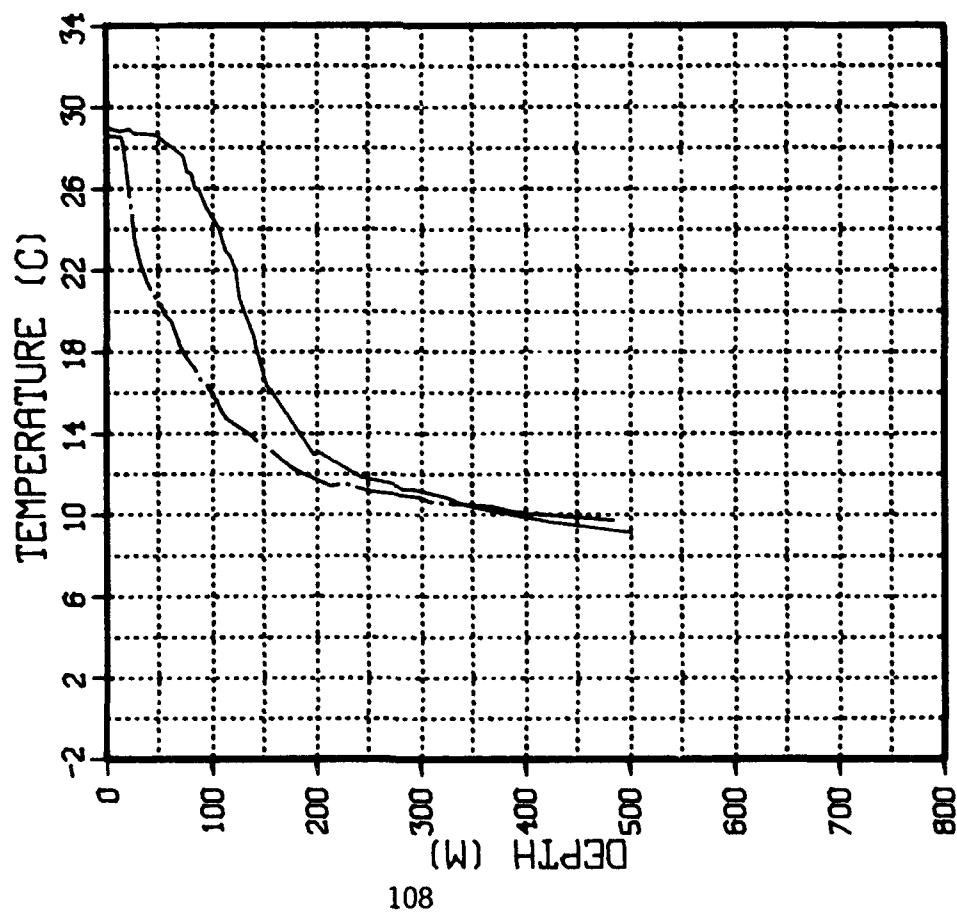


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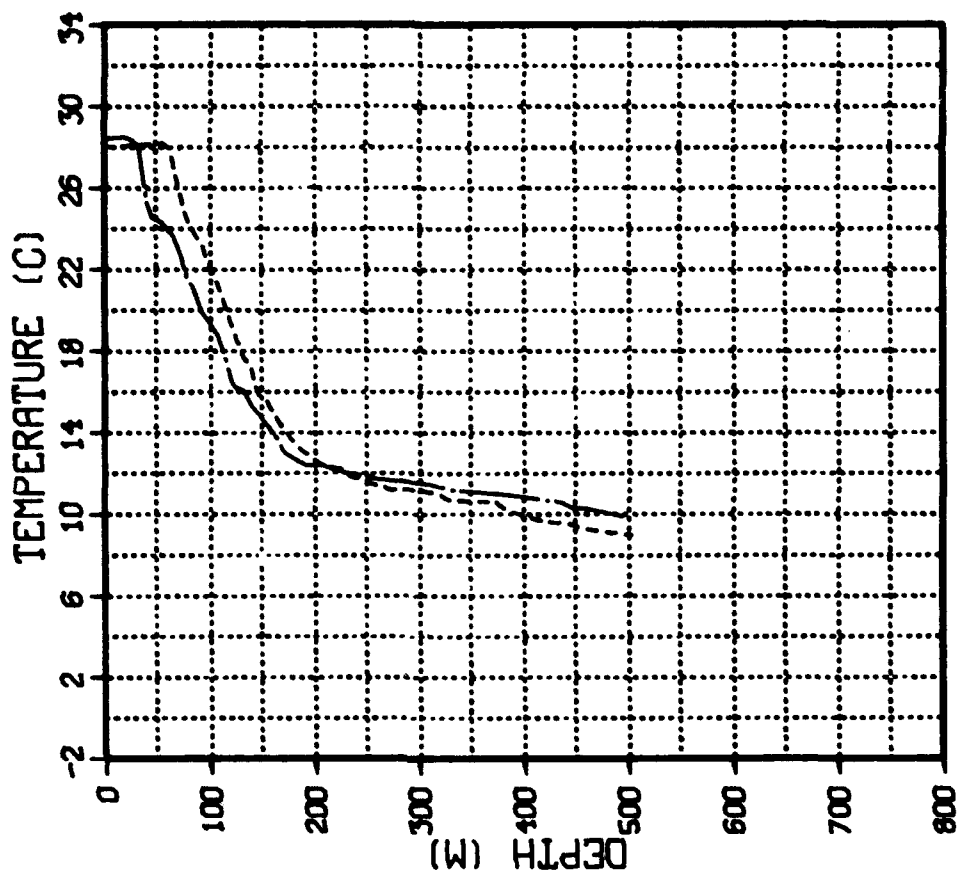


OCT, NOV, DEC

EAST INDIAN COLD C15

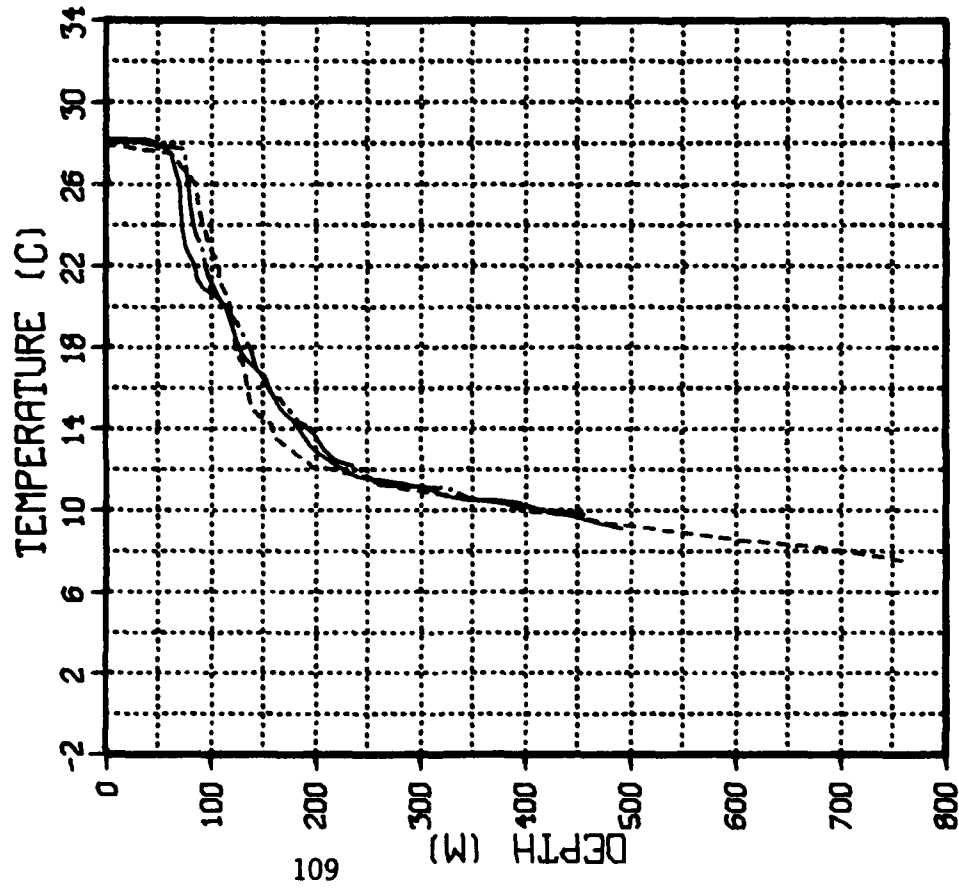


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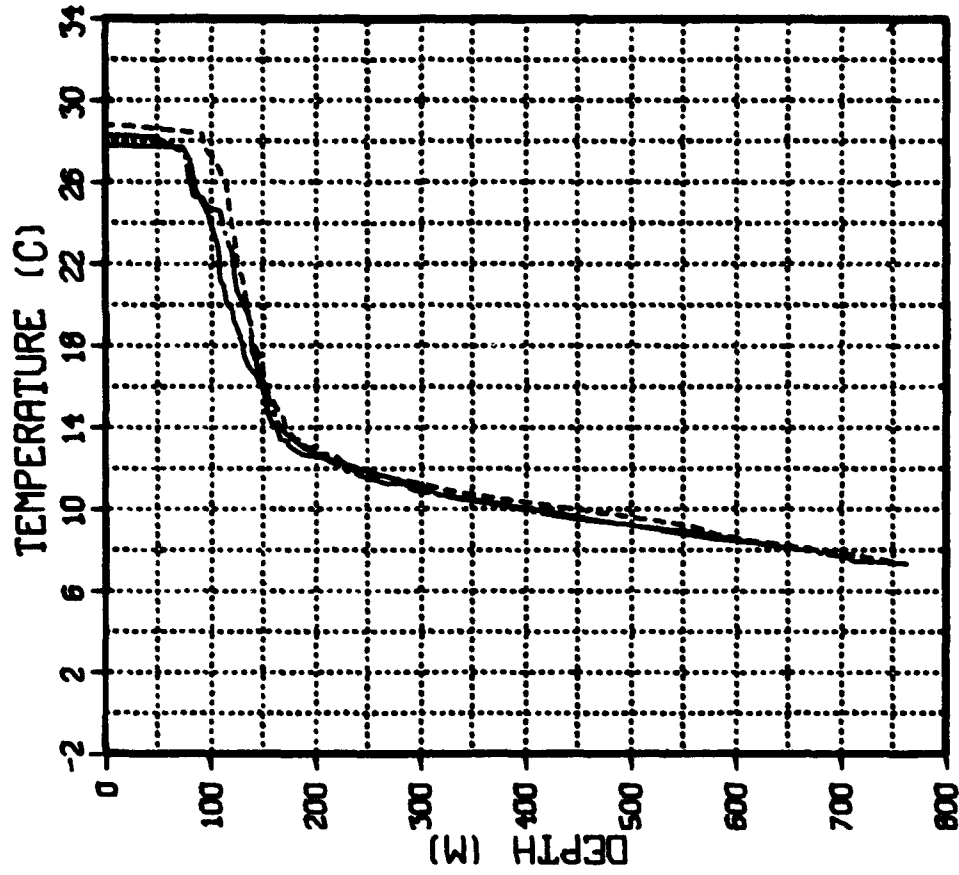


APR, MAY, JUN

EAST INDIAN COLD C15

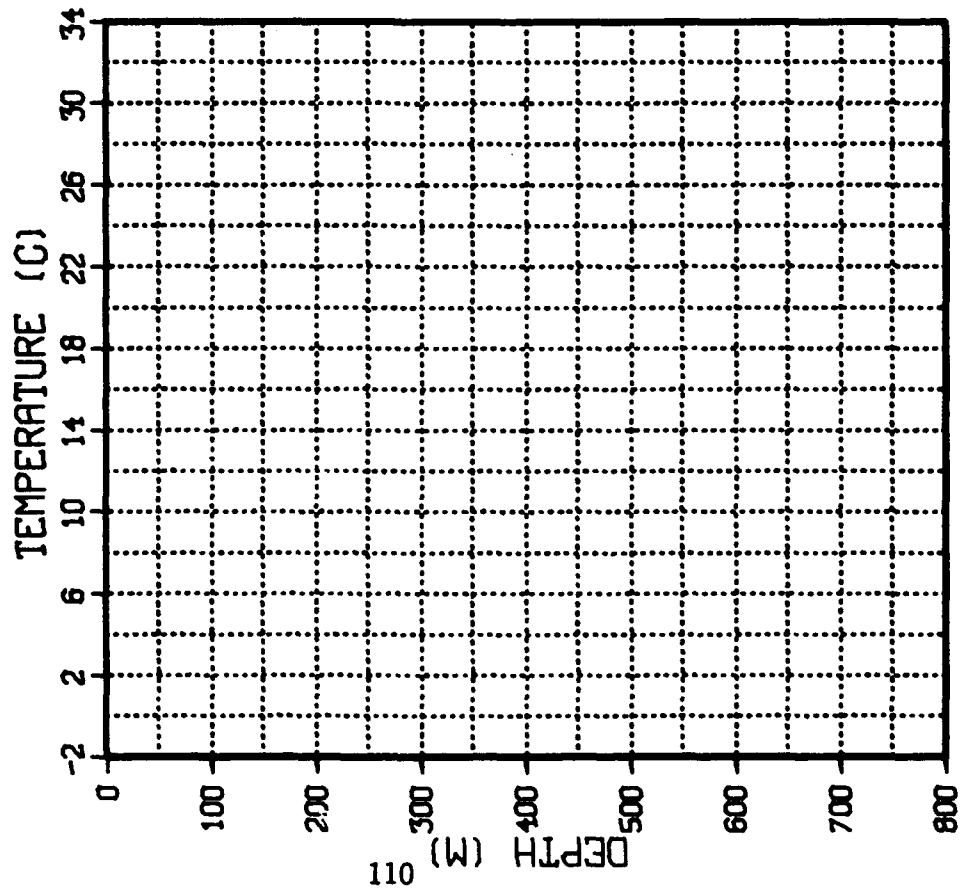


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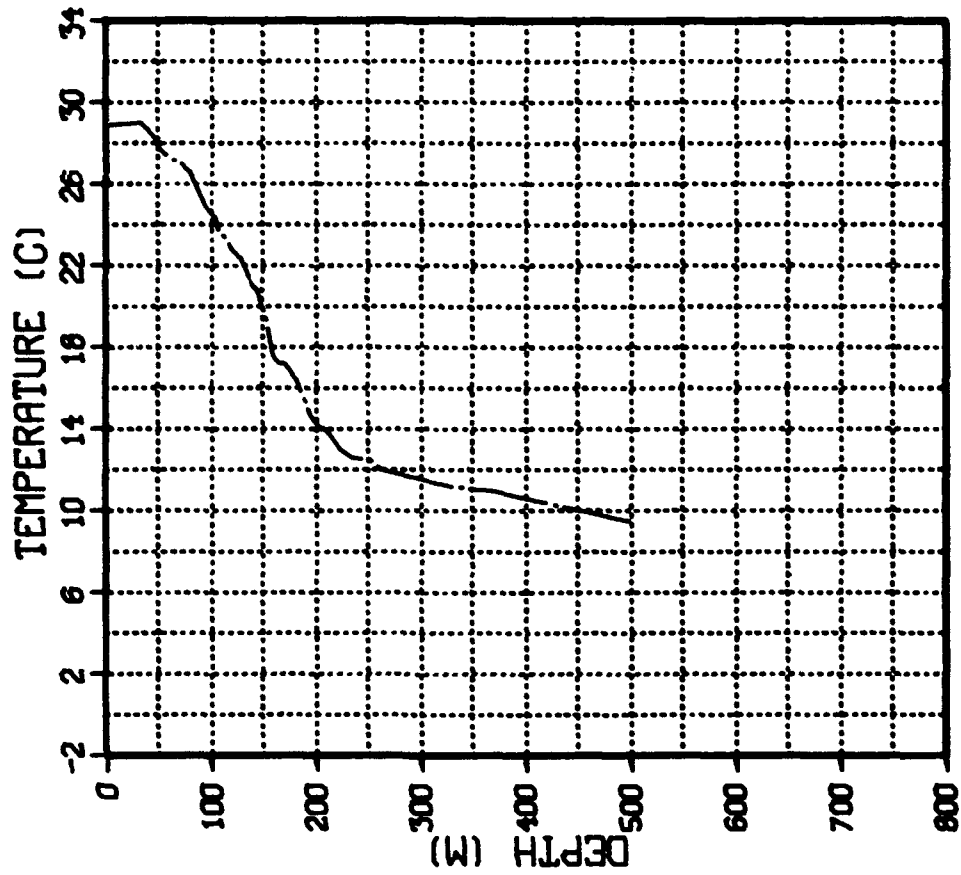


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EAST INDIAN WARM C15

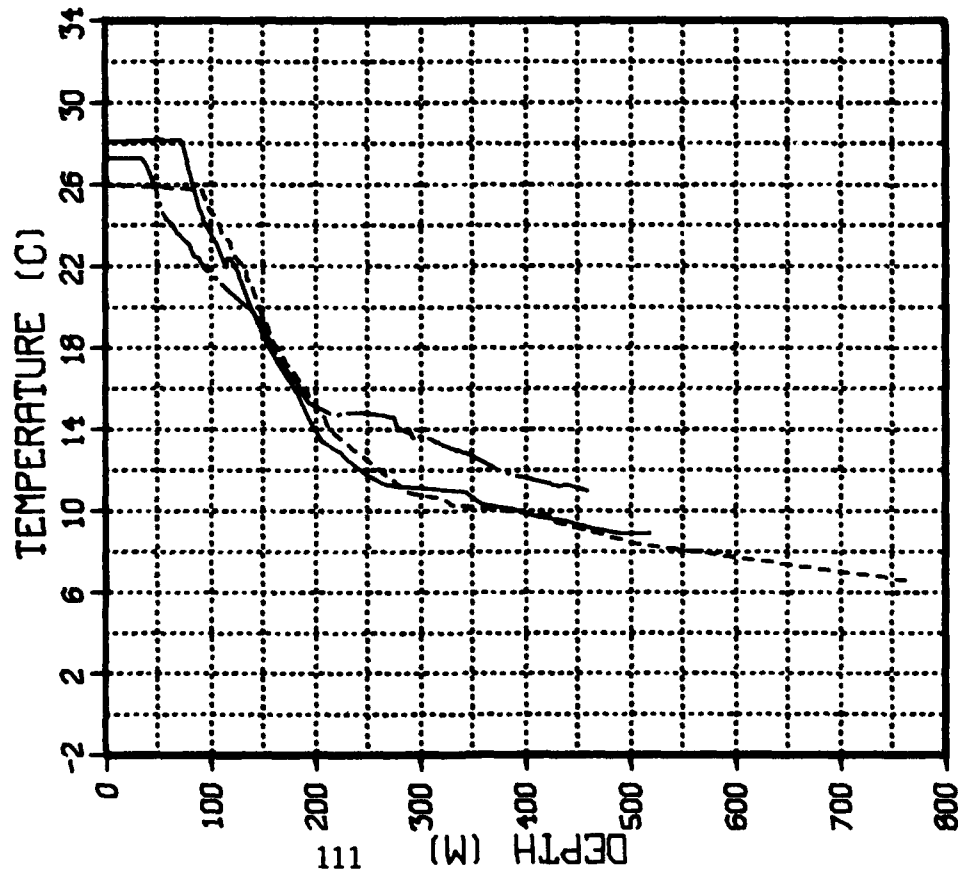


JAN, FEB, MAR

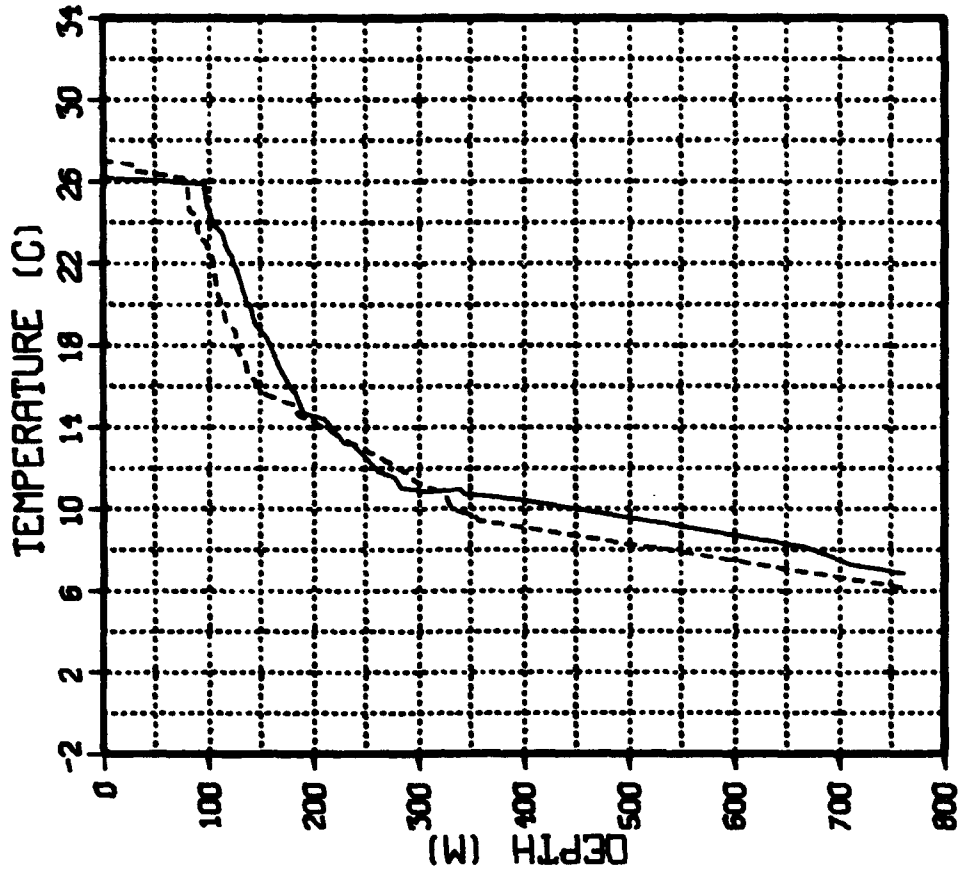


APR, MAY, JUN

EAST INDIAN WARM C15

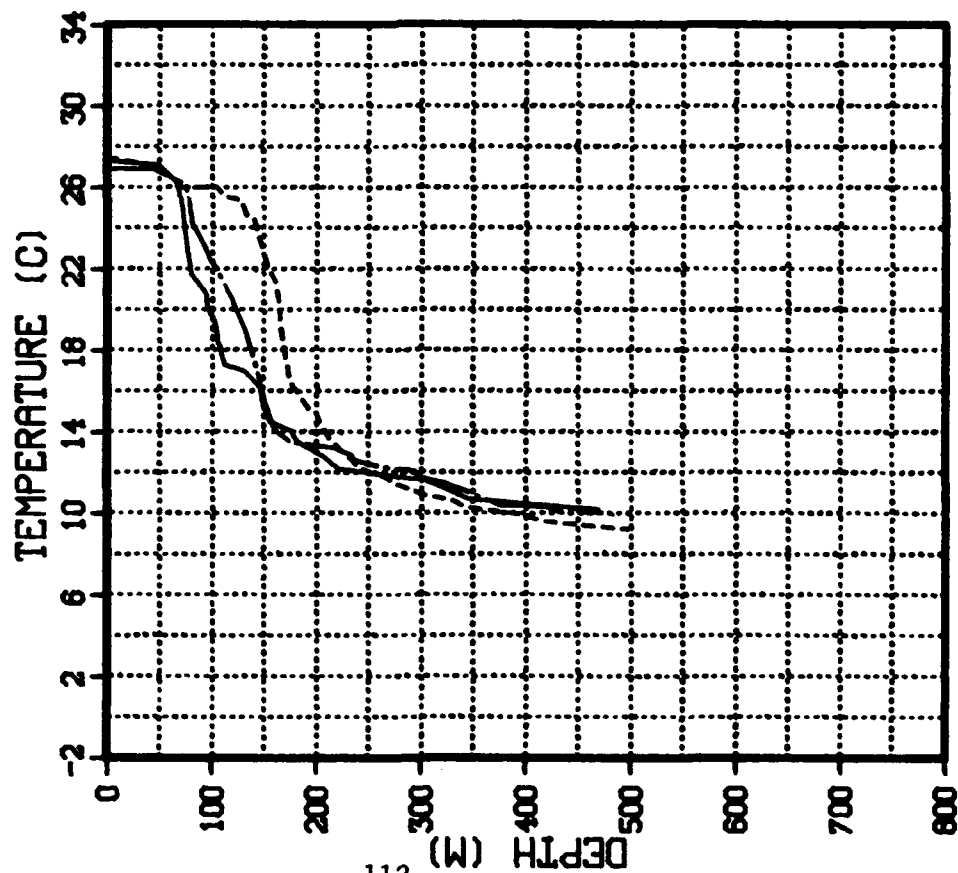


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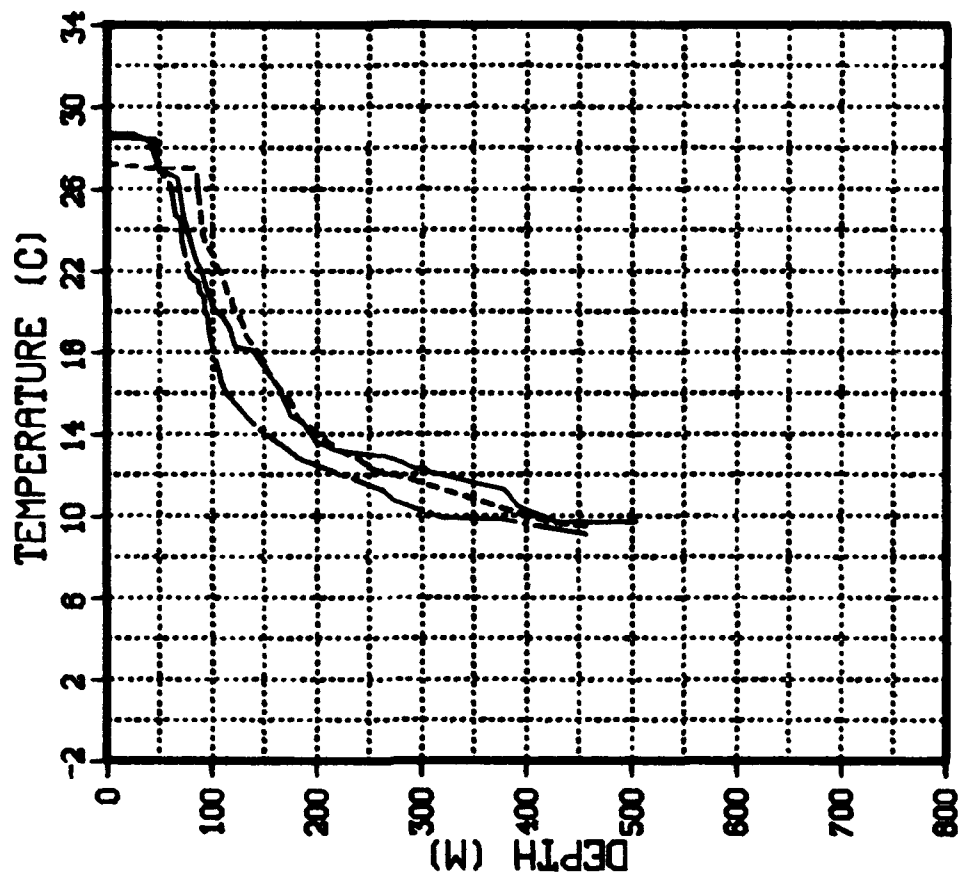


OCT, NOV, DEC

NW SOMALI C16

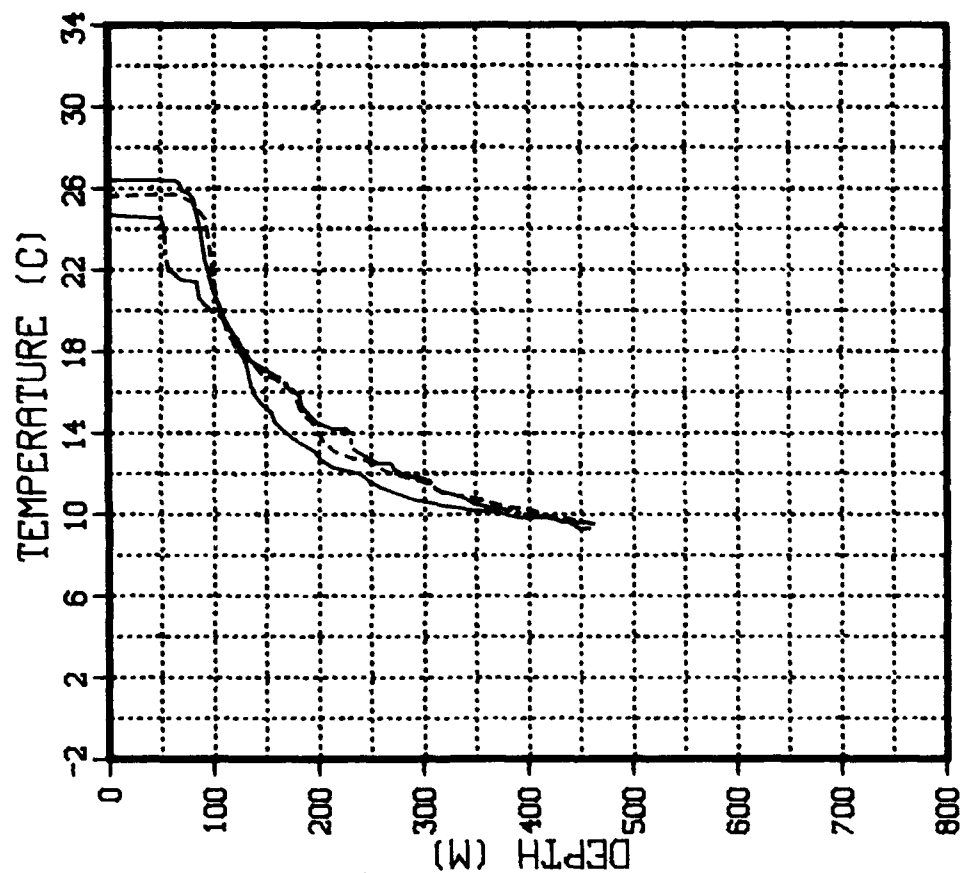


JAN, FEB, MAR

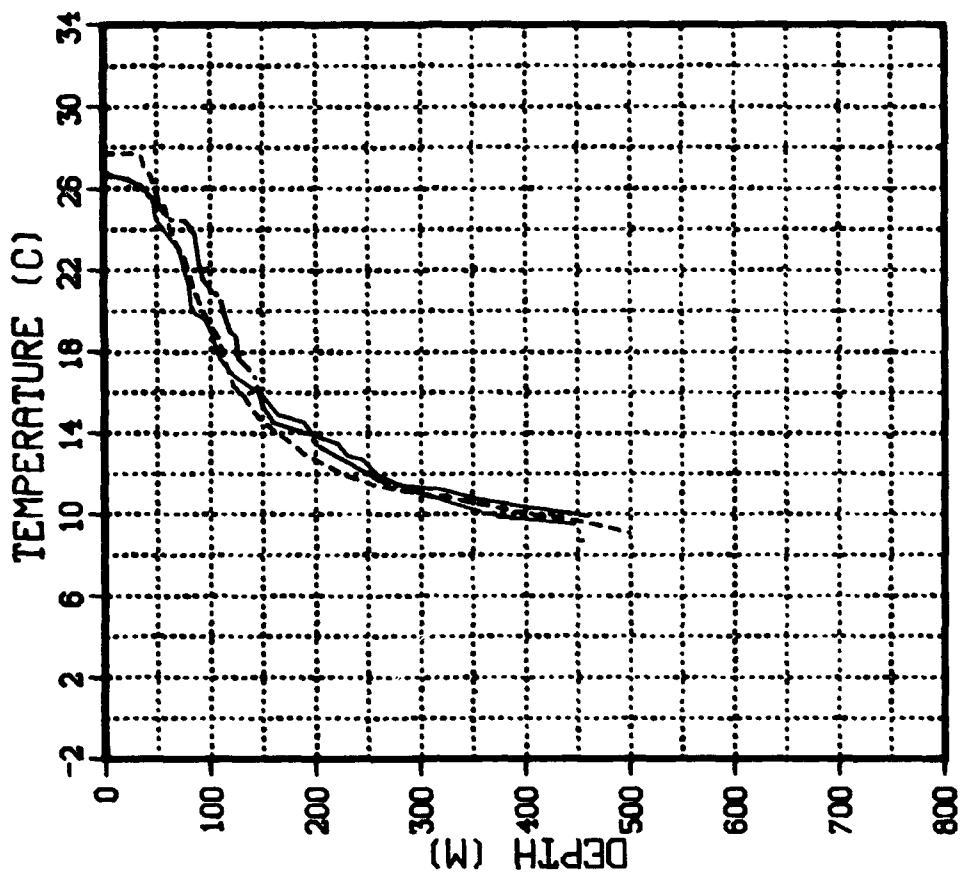


APR, MAY, JUN

NW SOMALI C16

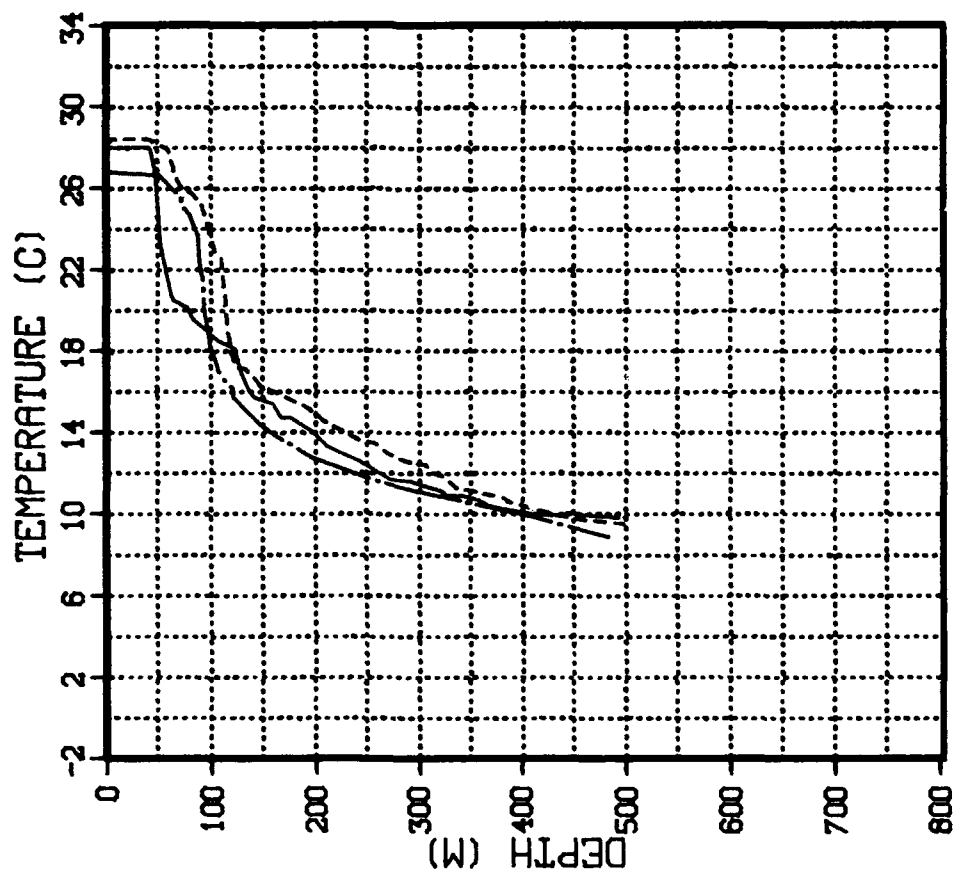


JUL, AUG, SEP

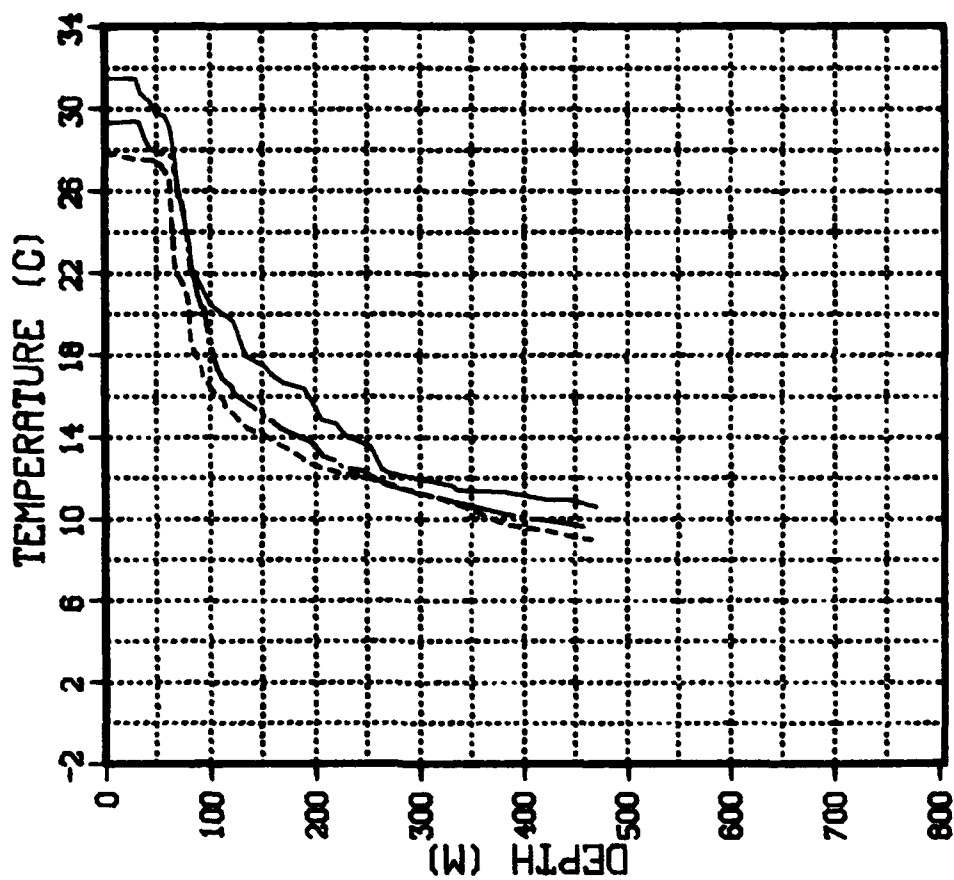


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NW SOMALI C17

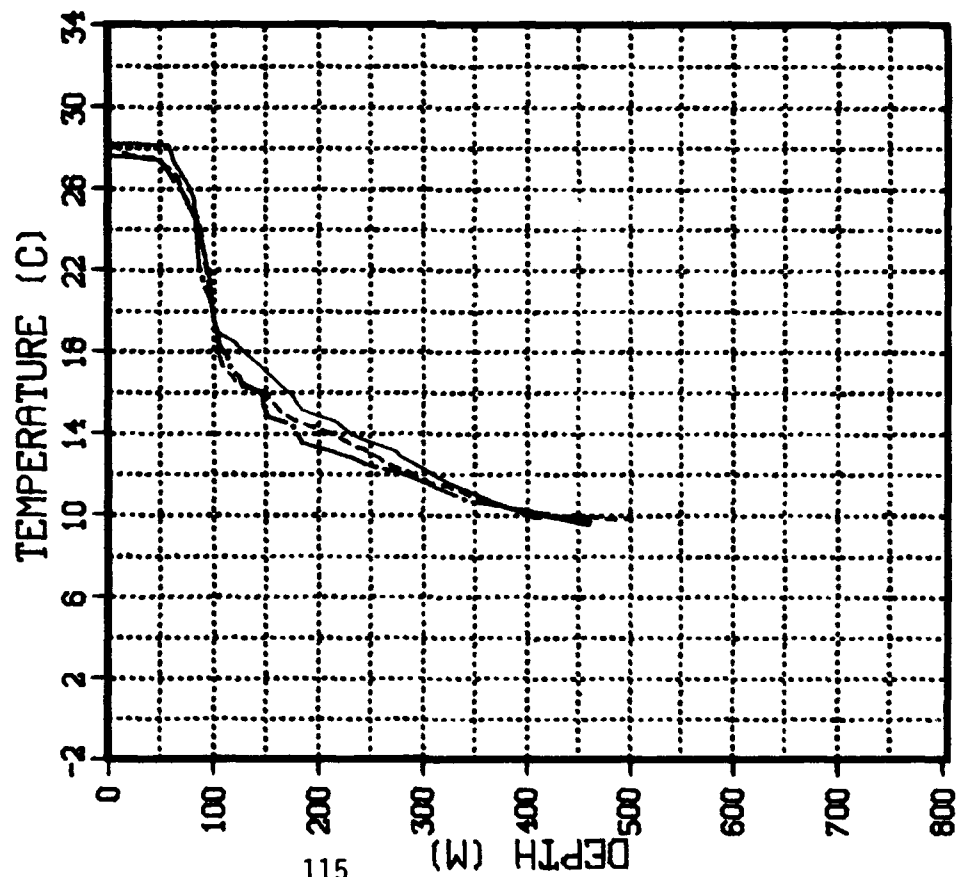


JAN, FEB, MAR

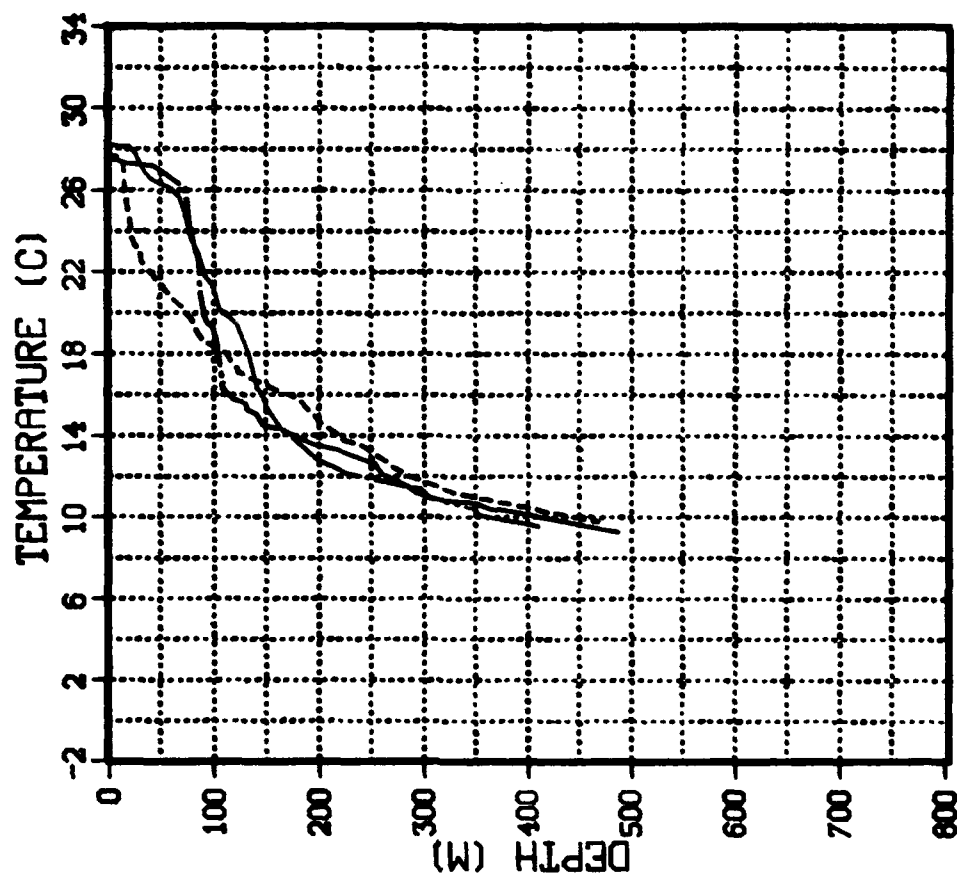


APR, MAY, JUN

NW SOMALI C17

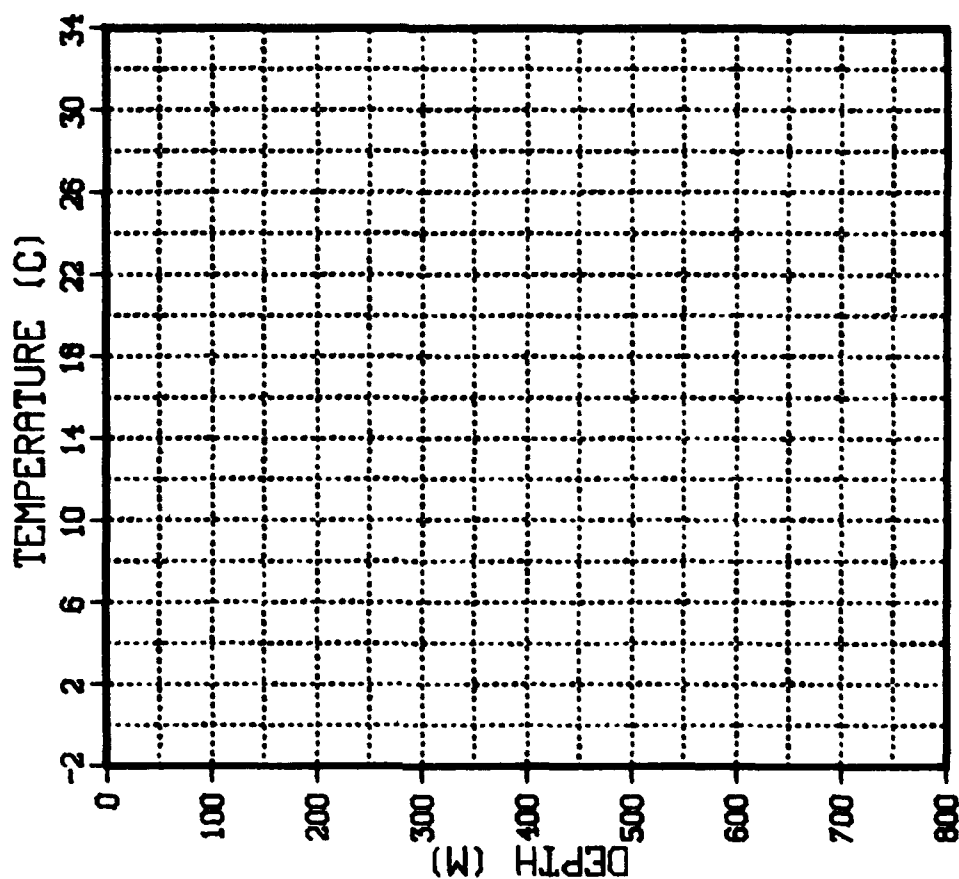
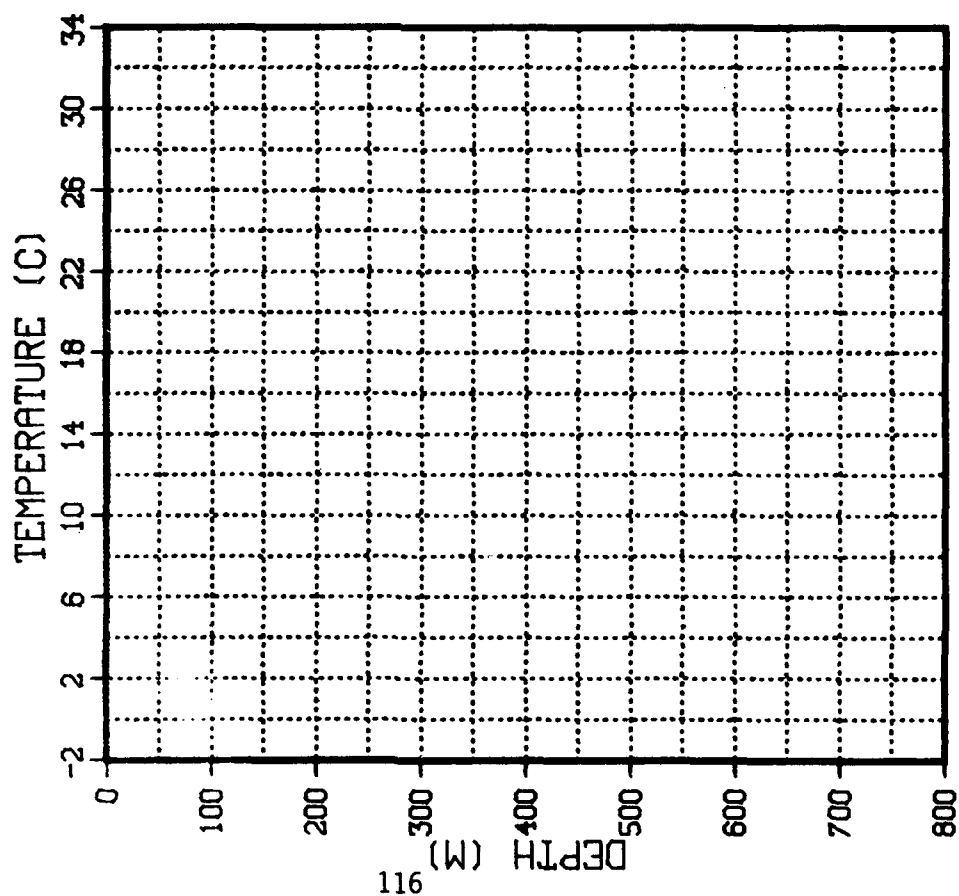


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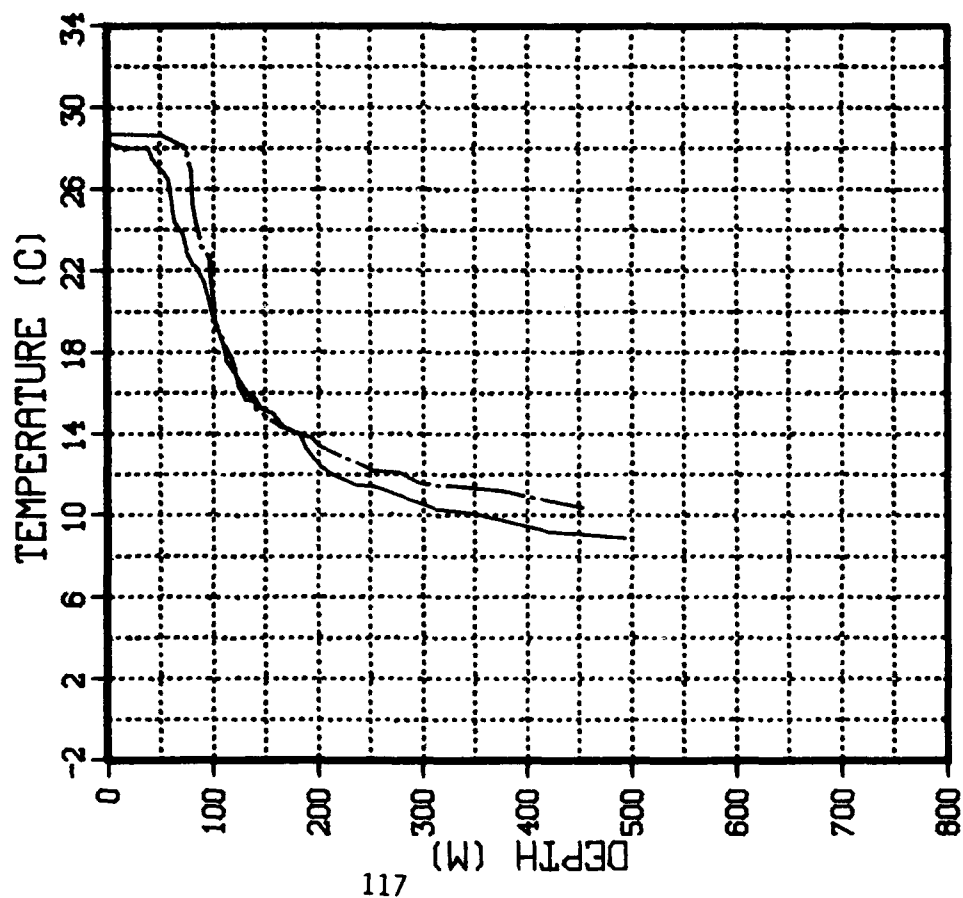


OCT, NOV, DEC

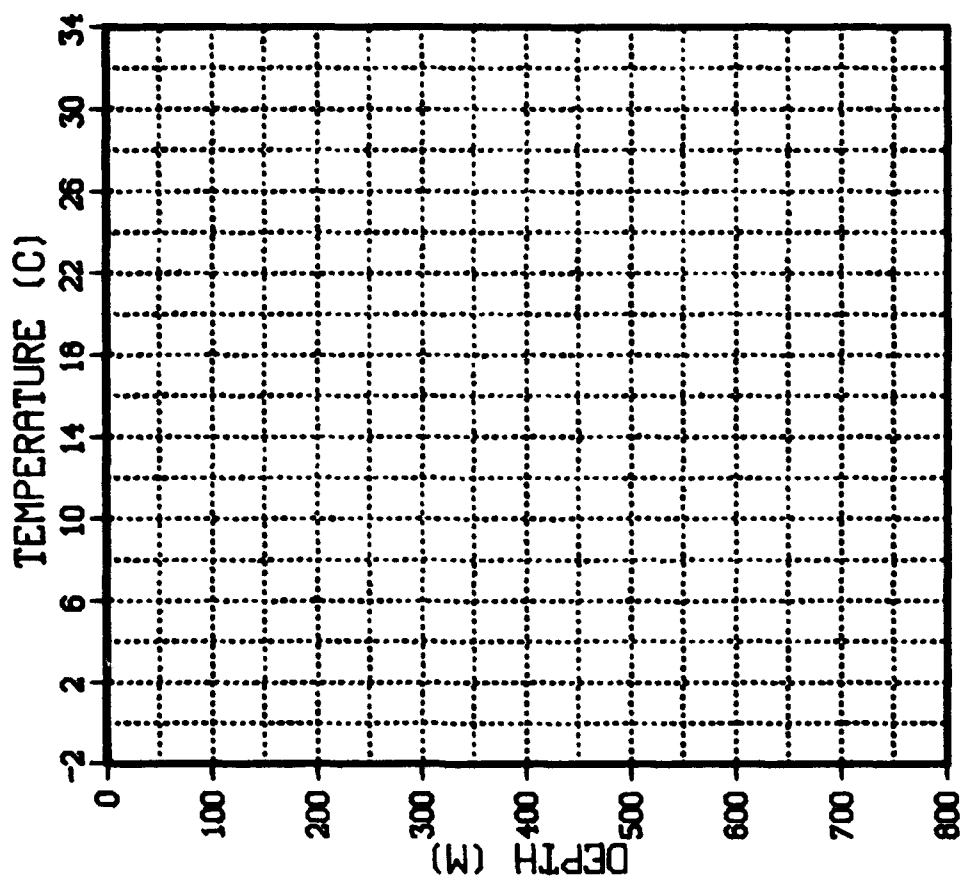
ARABIAN C18



ARABIAN C18

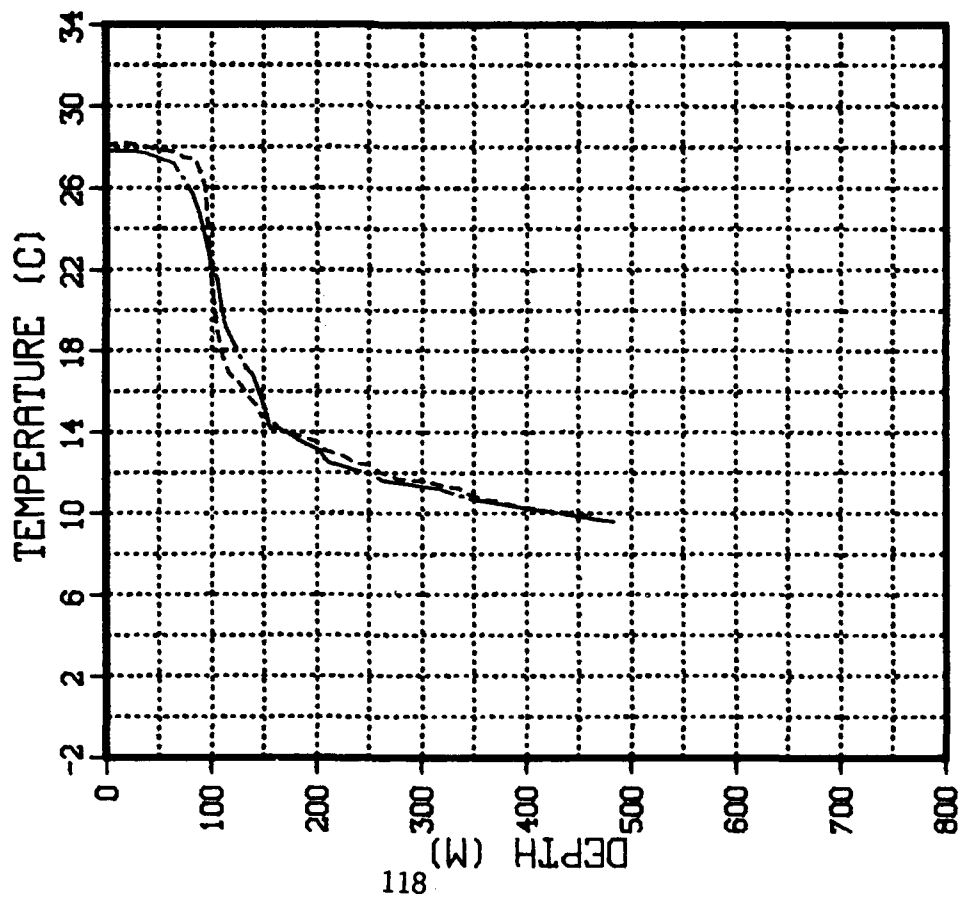


JUL, AUG, SEP

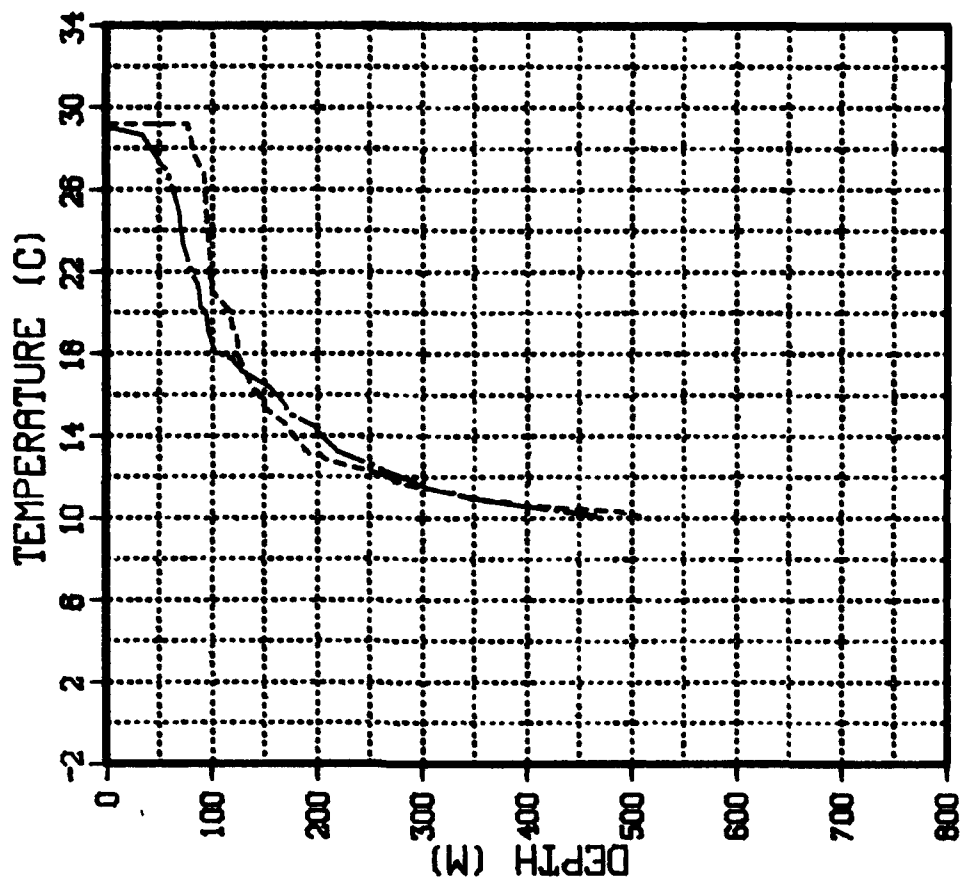


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MID INDIAN COLD C19

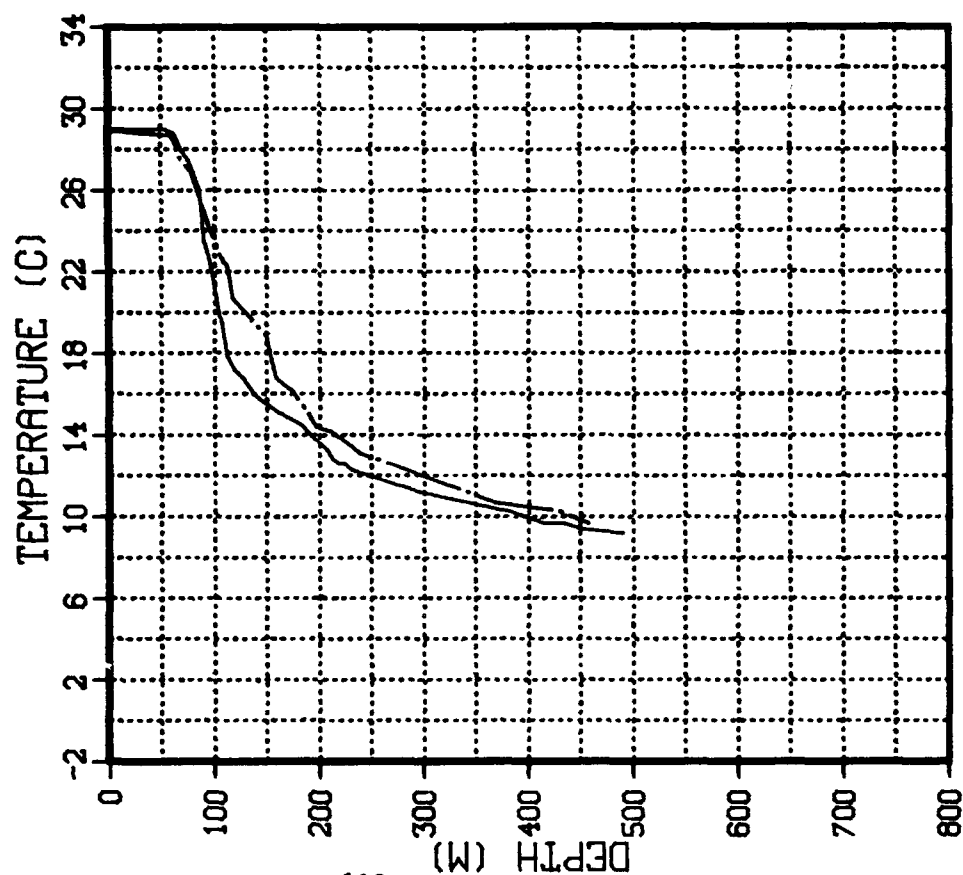


JAN, FEB, MAR

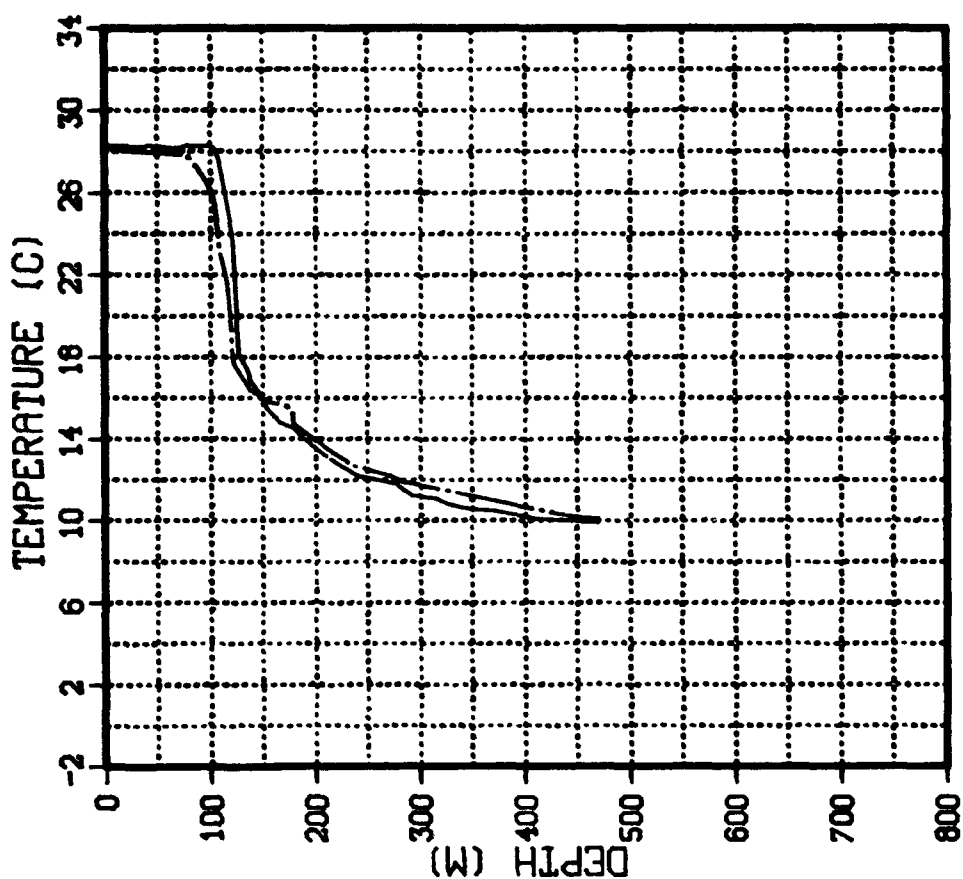


APR, MAY, JUN

MID INDIAN COLD C19

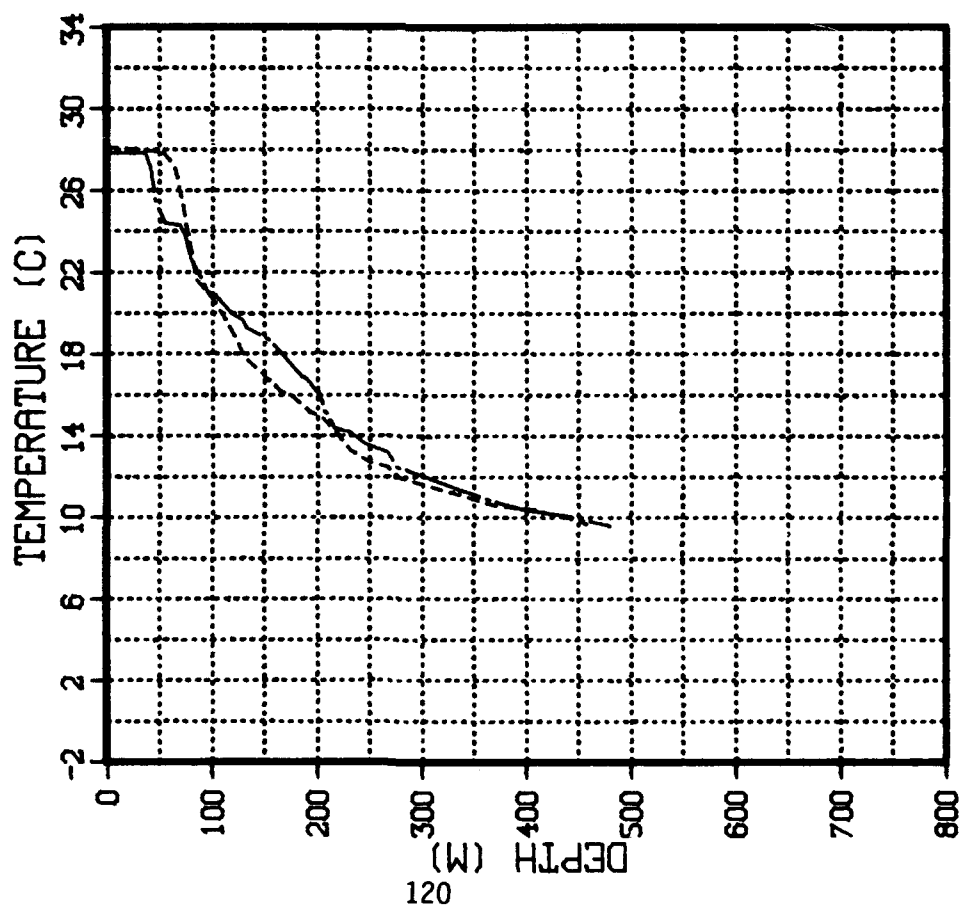


JUL, AUG, SEP

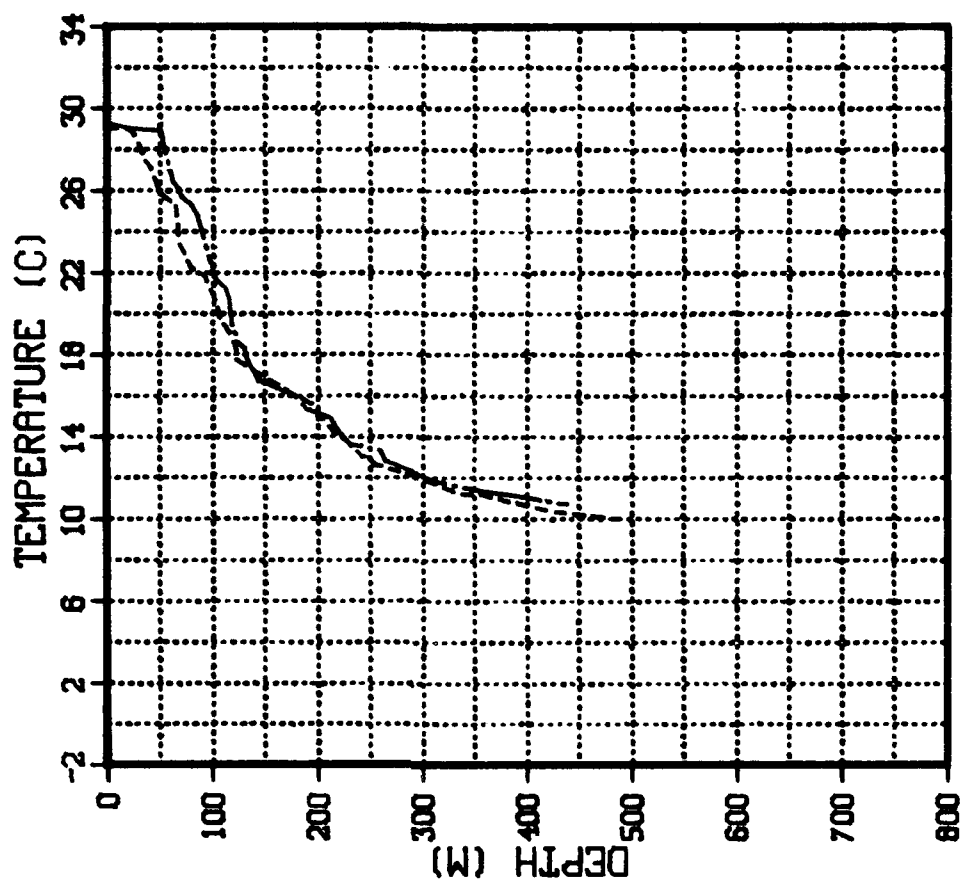


OCT, NOV, DEC

MID INDIAN WARM C19

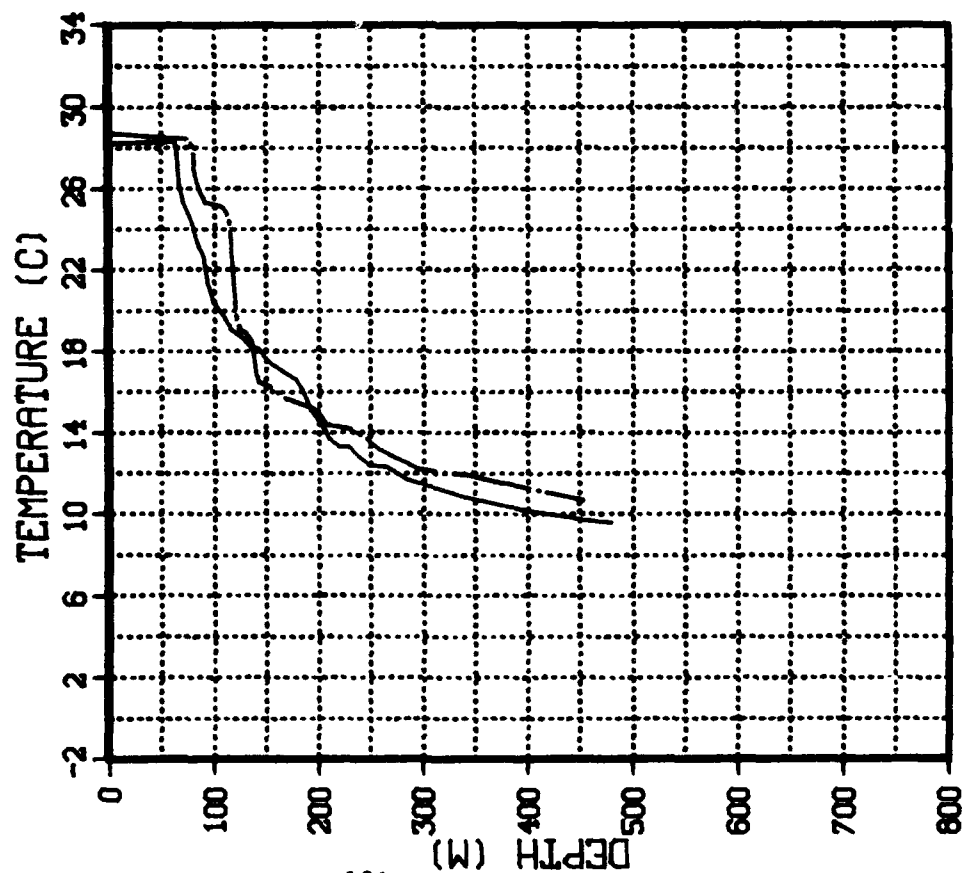


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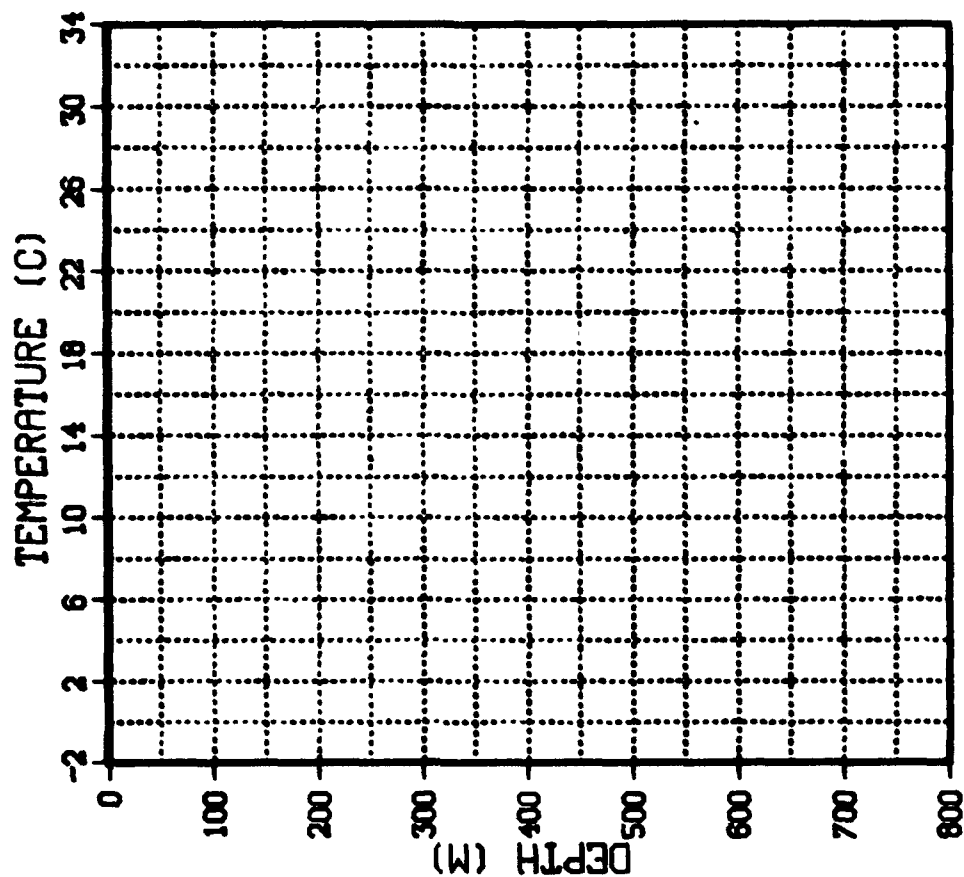


APR, MAY, JUN

MID INDIAN WARM C19

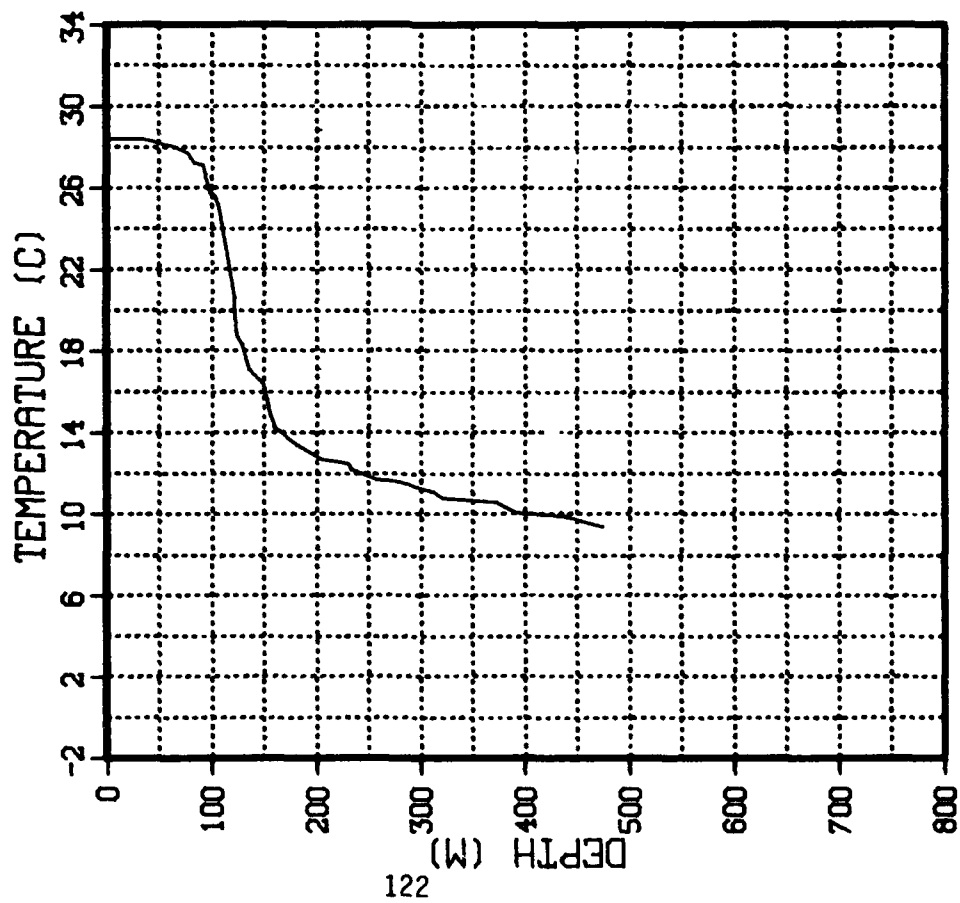


JUL, AUG, SEP

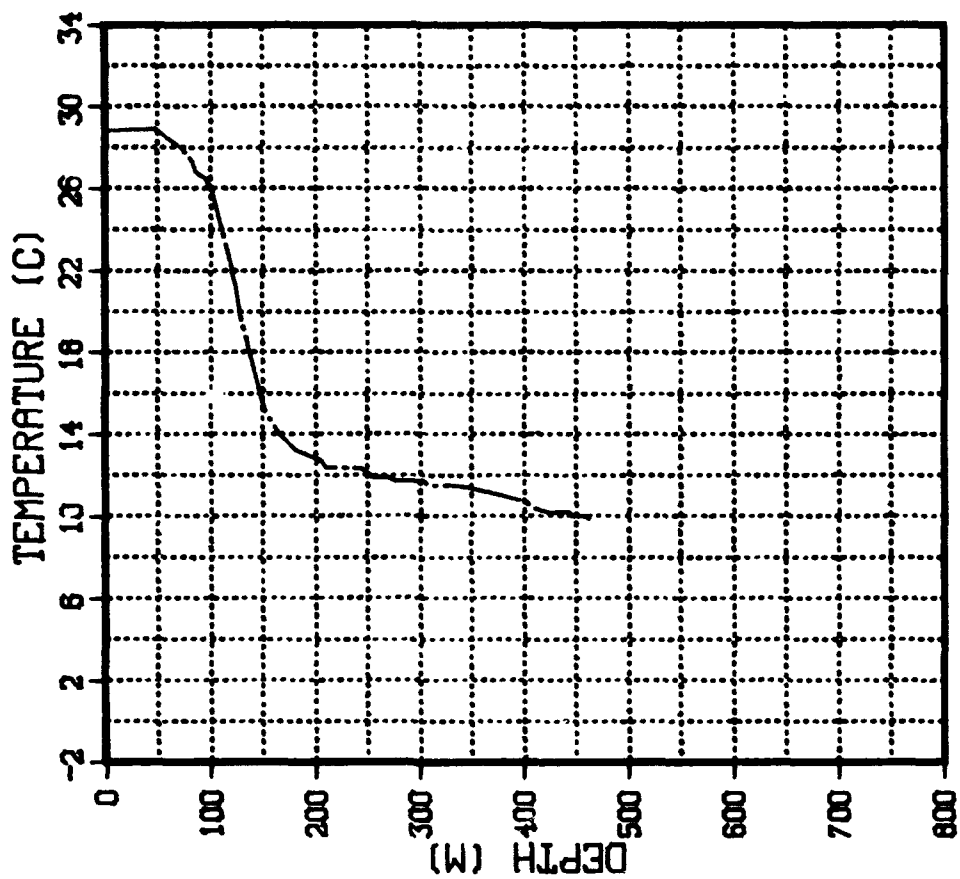


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EAST INDIAN COLD C20

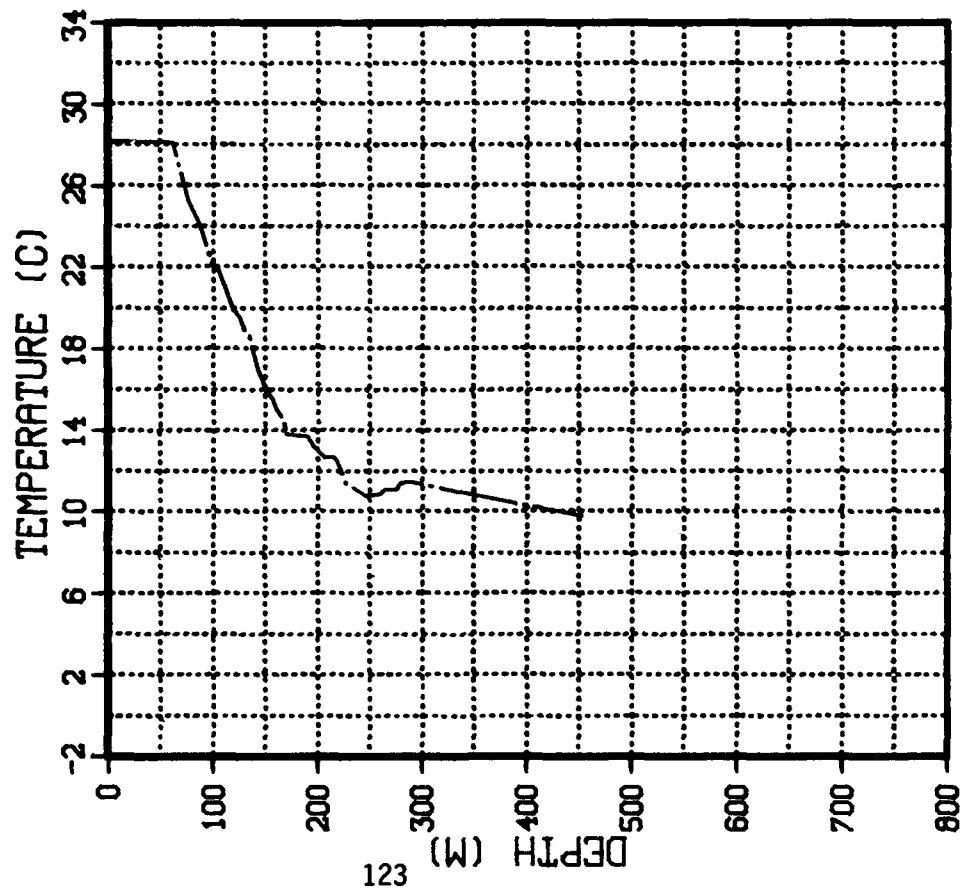


JAN, FEB, MAR

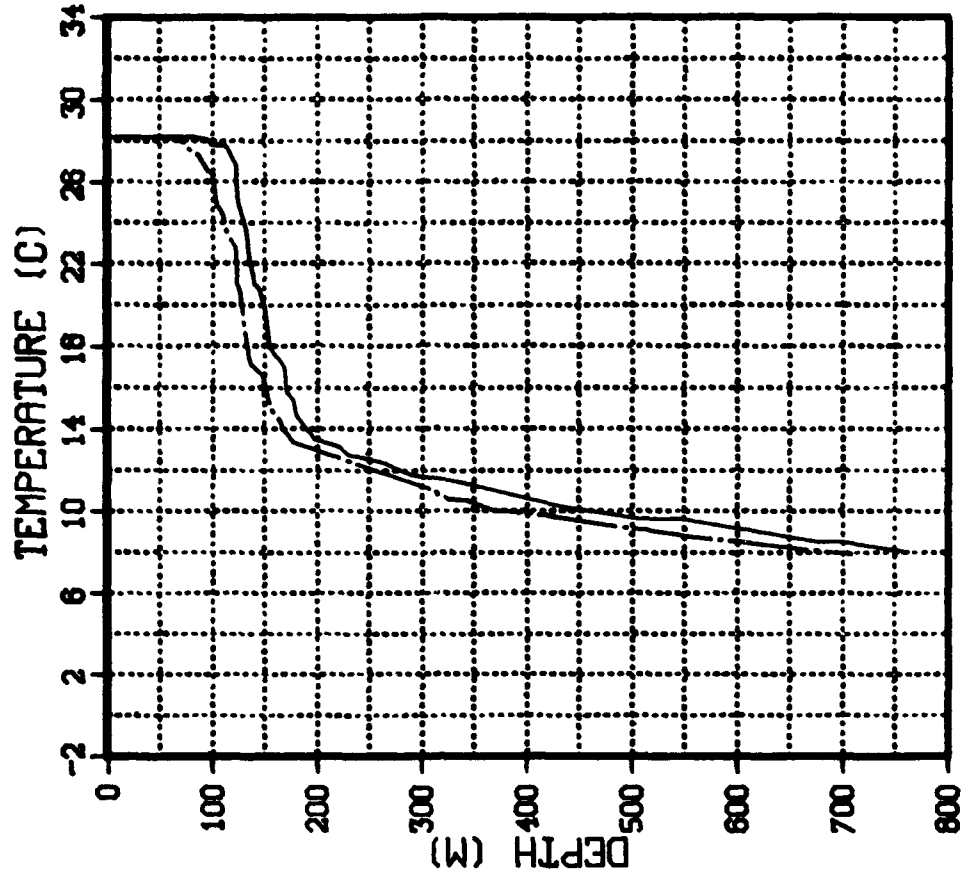


APR, MAY, JUN

EAST INDIAN COLD C20

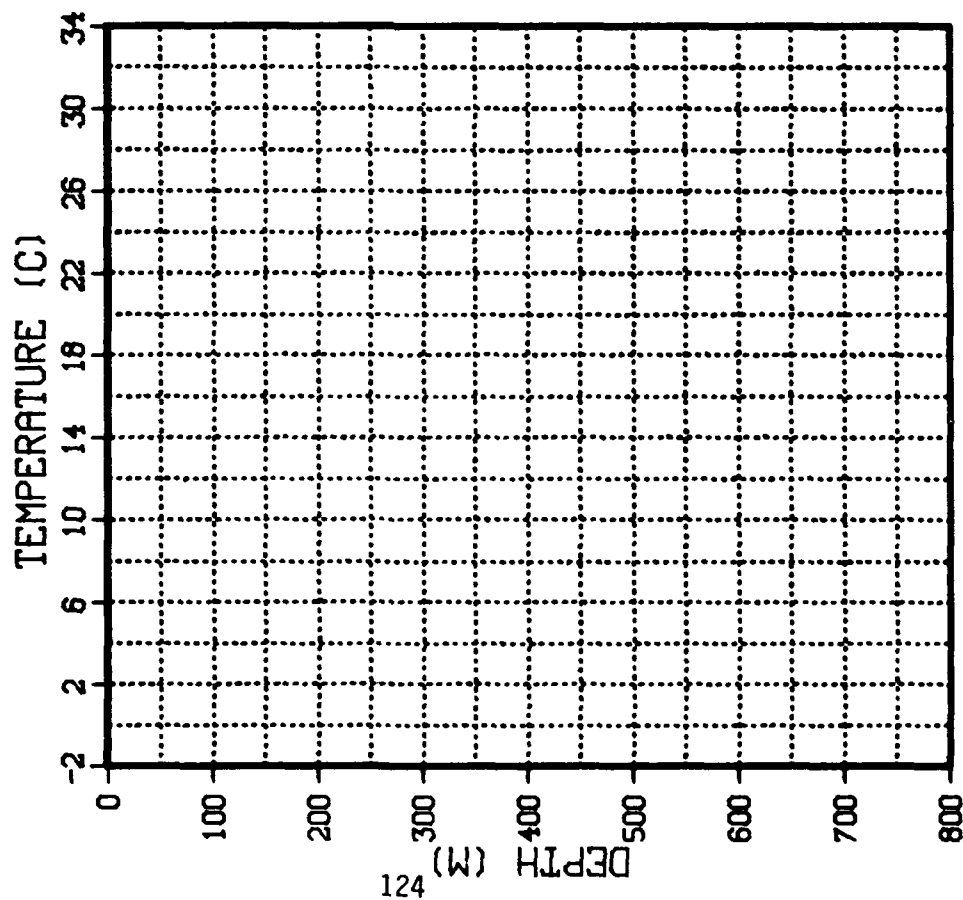


JUL, AUG, SEP

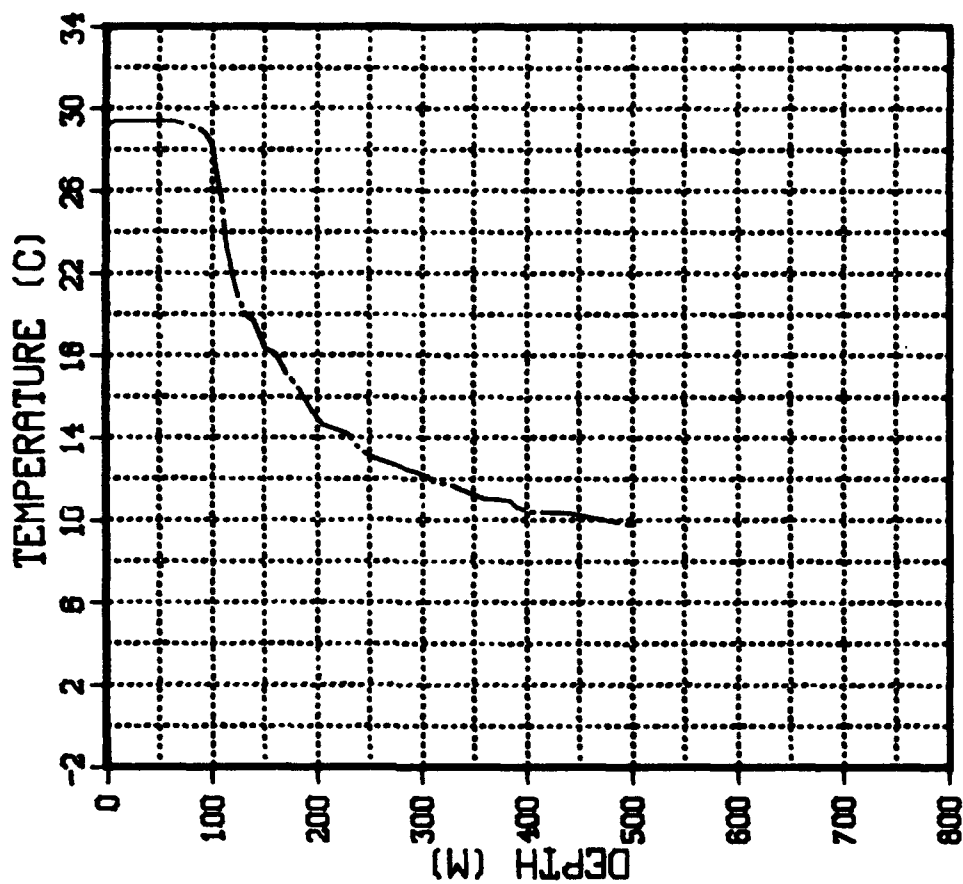


OCT, NOV, DEC

EAST INDIAN WARM C20

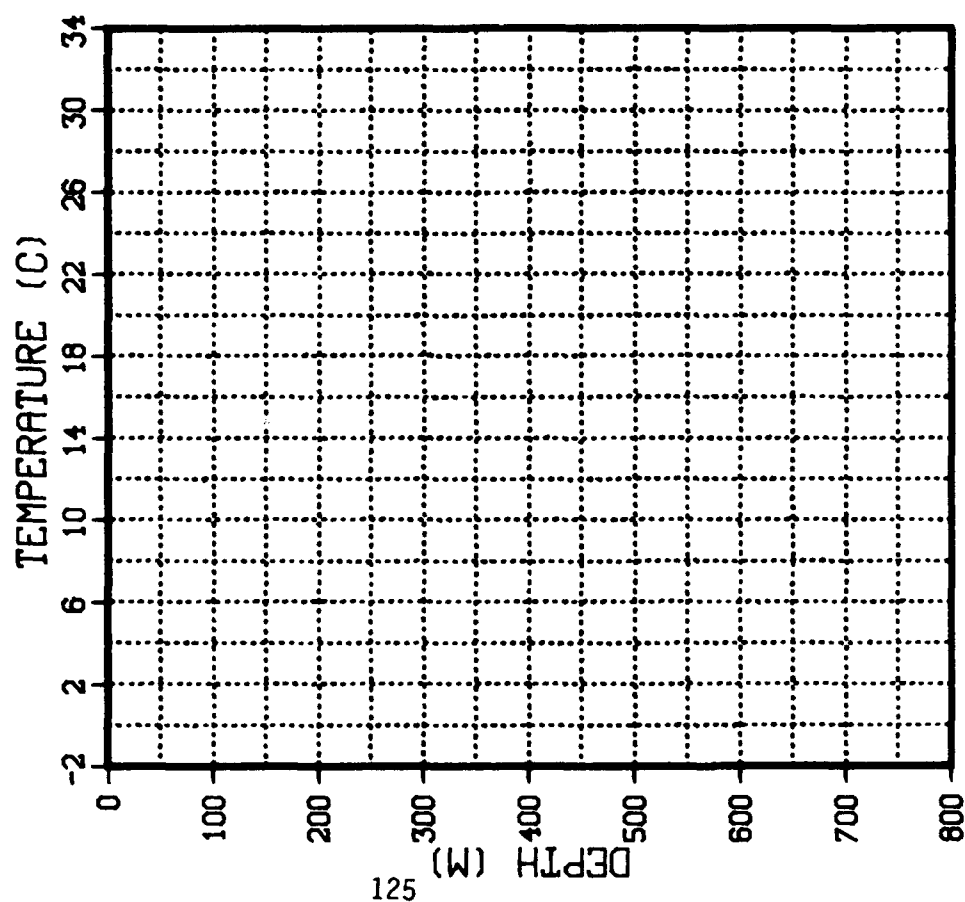


JAN, FEB, MAR

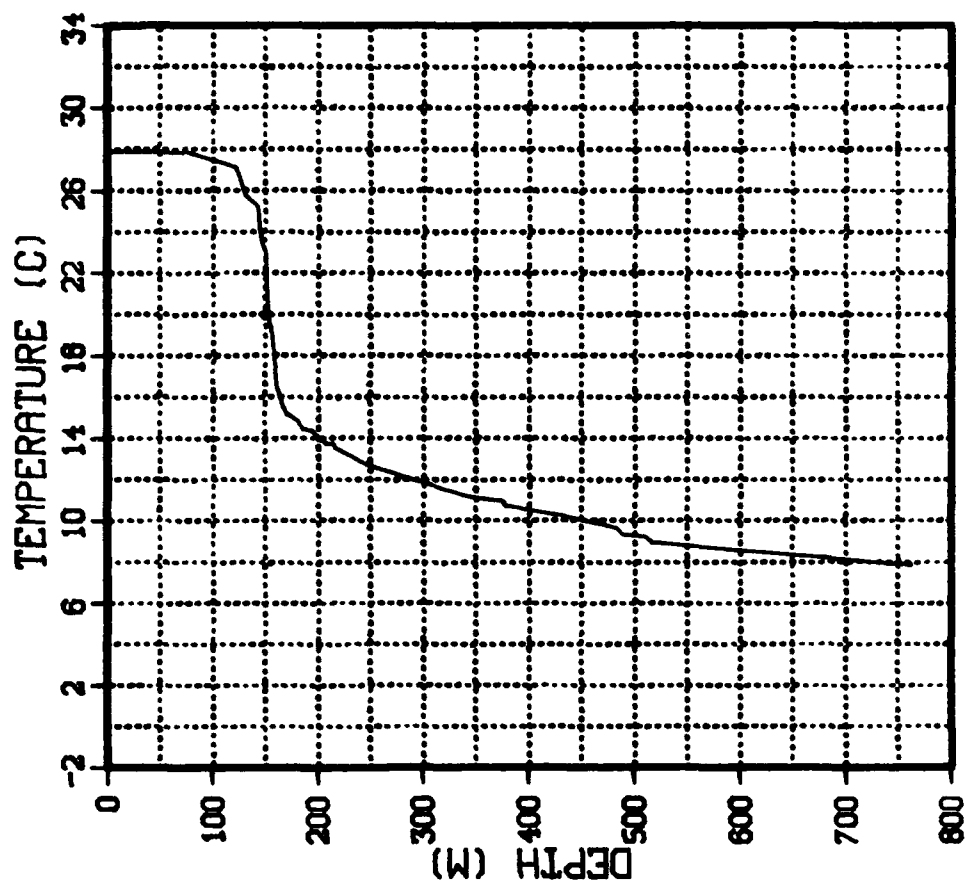


APR, MAY, JUN

EAST INDIAN WARM C20



JUL, AUG, SEP

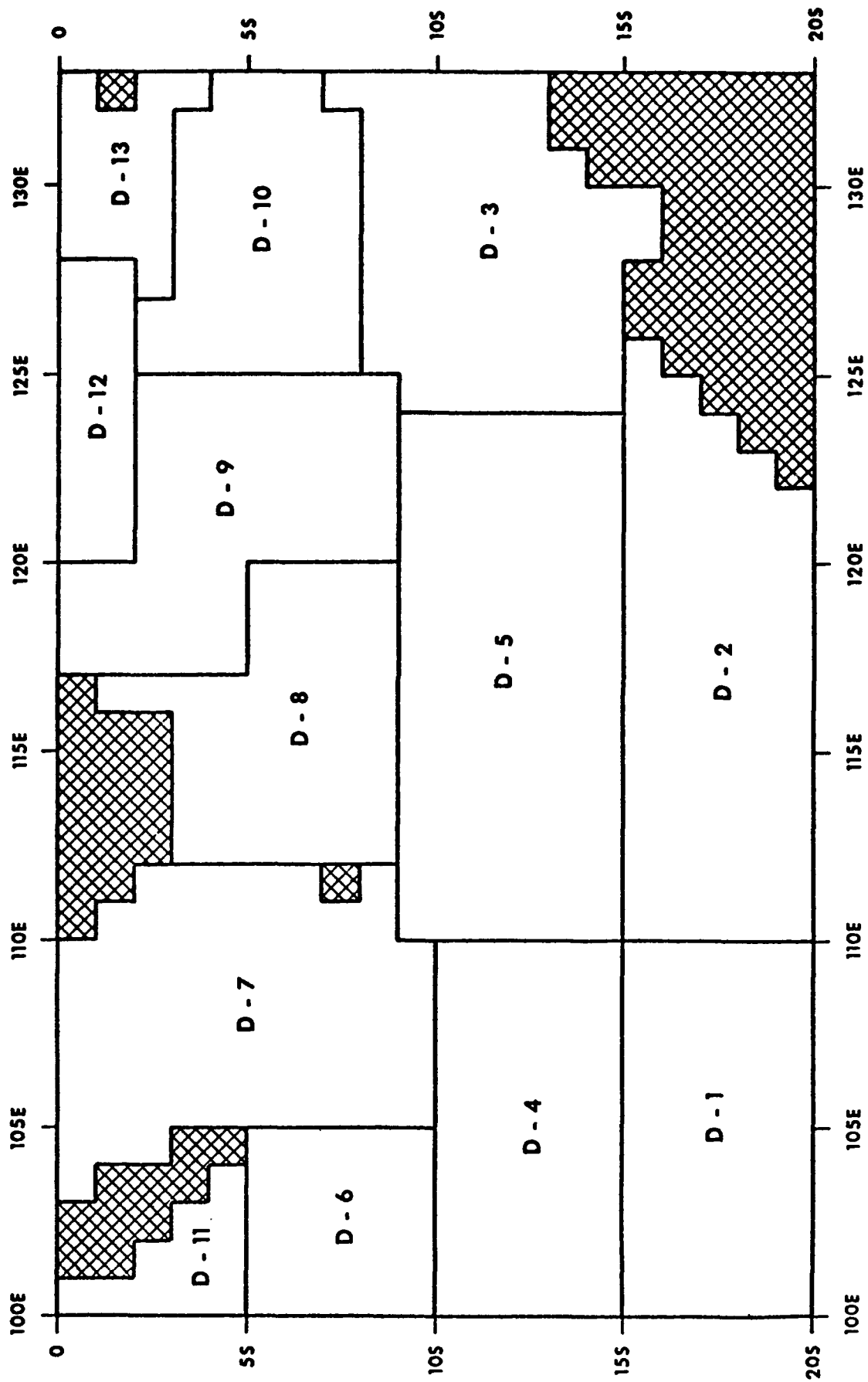


OCT, NOV, DEC

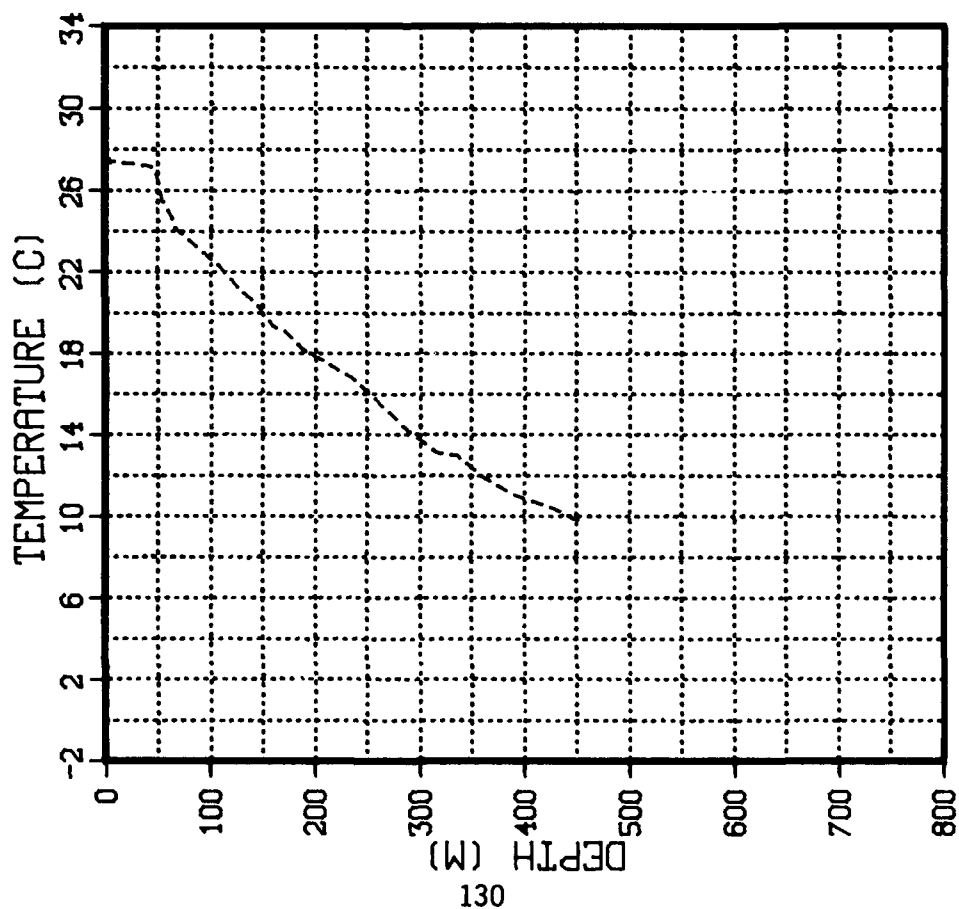
INDIAN AREA D

<u>Region</u>	<u>Water Mass Name</u>	<u>T200 (°C)</u>		<u>DT (°C)</u>		<u>Position</u>
		<u>Min</u>	<u>Max</u>	<u>Min</u>	<u>Max</u>	
D1	S. WHARTON	14	21			1
D2	AUSSIE WARM	13	22			1
D3	TIMOR	11	19			1
D4	WHARTON COLD	9	15			1
	WHARTON WARM	15	22			2
D5	AUSSIE COLD	9	15			1
	AUSSIE WARM	15	21			2
D6	E. INDIAN COLD	10	14			1
	E. INDIAN WARM	14	20			2
D7	SUNDA	8	18			1
D8	S. JAVA	9	19			1
D9	MAKASSAR/FLORES	11	19			1
D10	BANDA COLD	10	15			1
	BANDA WARM	15	20			2
D11	E. CHINA COLD	10	14			1
	E. CHINA WARM	14	20			2
D12	MOLUCCA	12	21			1
D13	CERAM	13	22			1

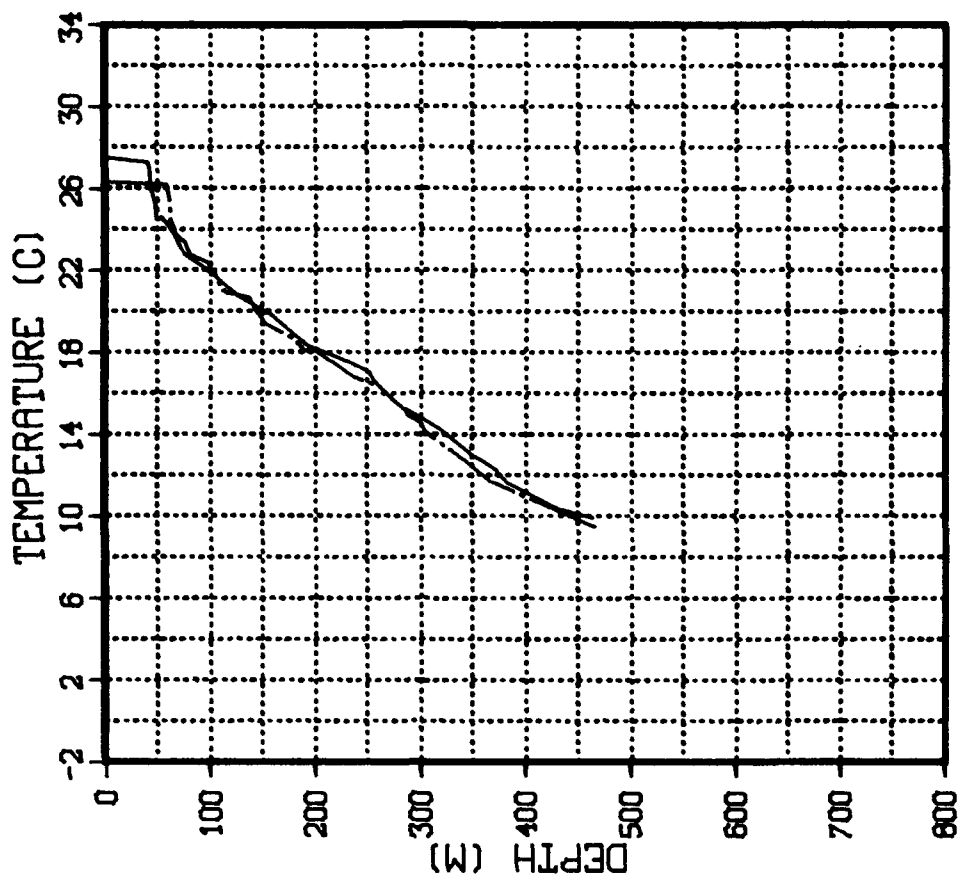
INDIAN AREA D



SOUTH WHARTON D 1

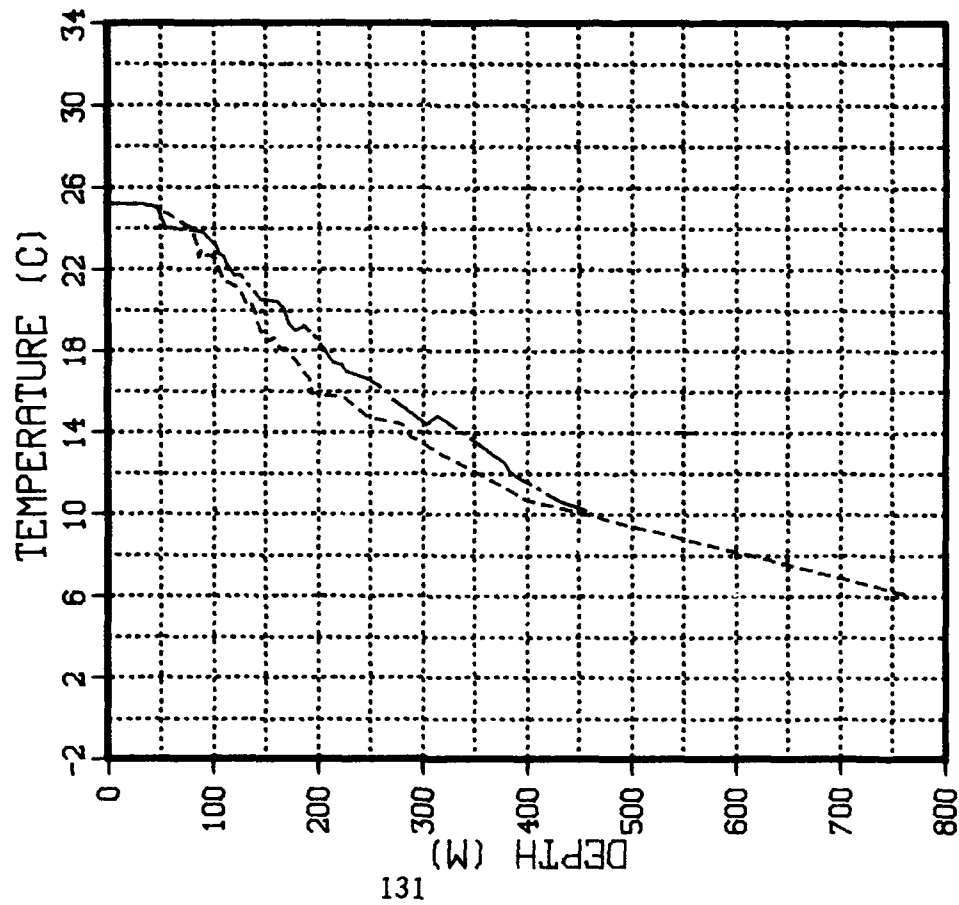


JAN, FEB, MAR

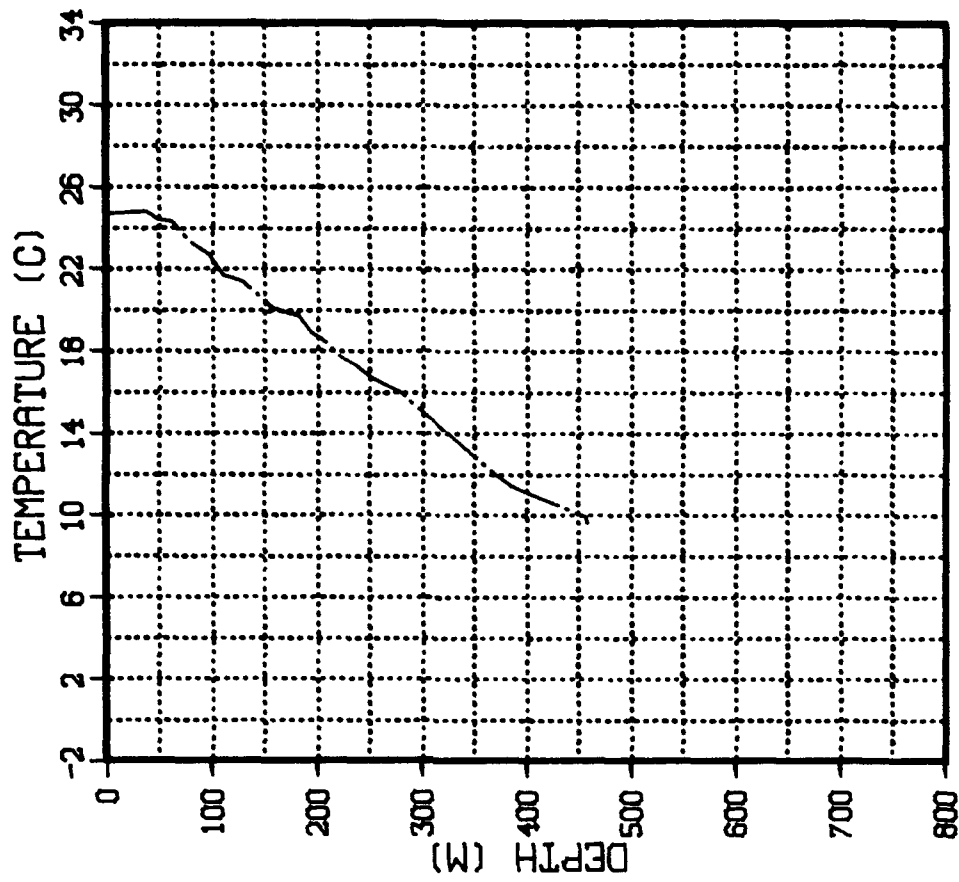


APR, MAY, JUN

SOUTH WHARTON D 1

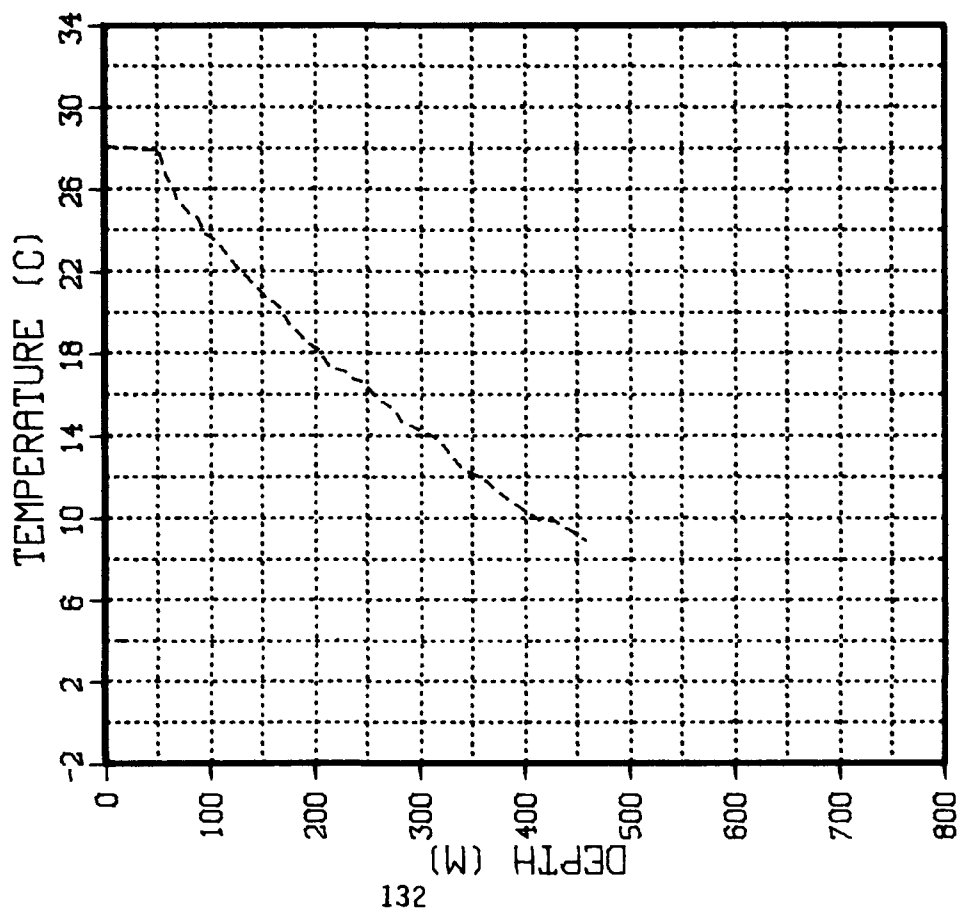


JUL, AUG, SEP

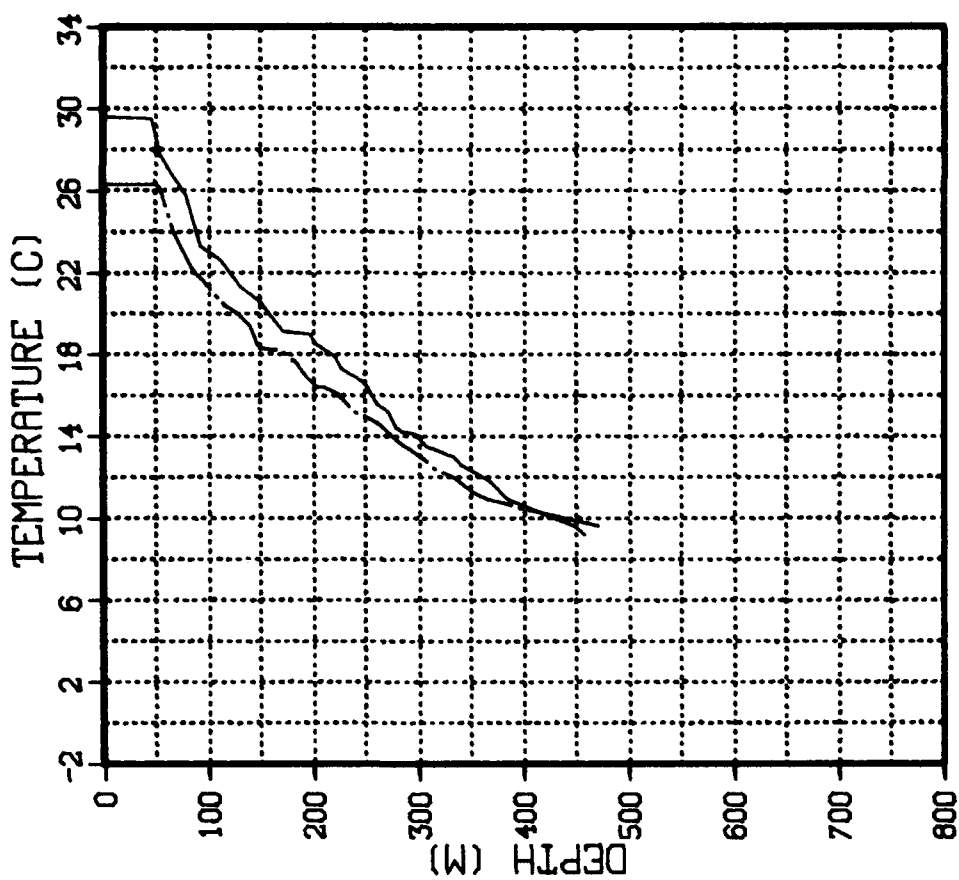


OCT, NOV, DEC

AUSSIE WARM D 2

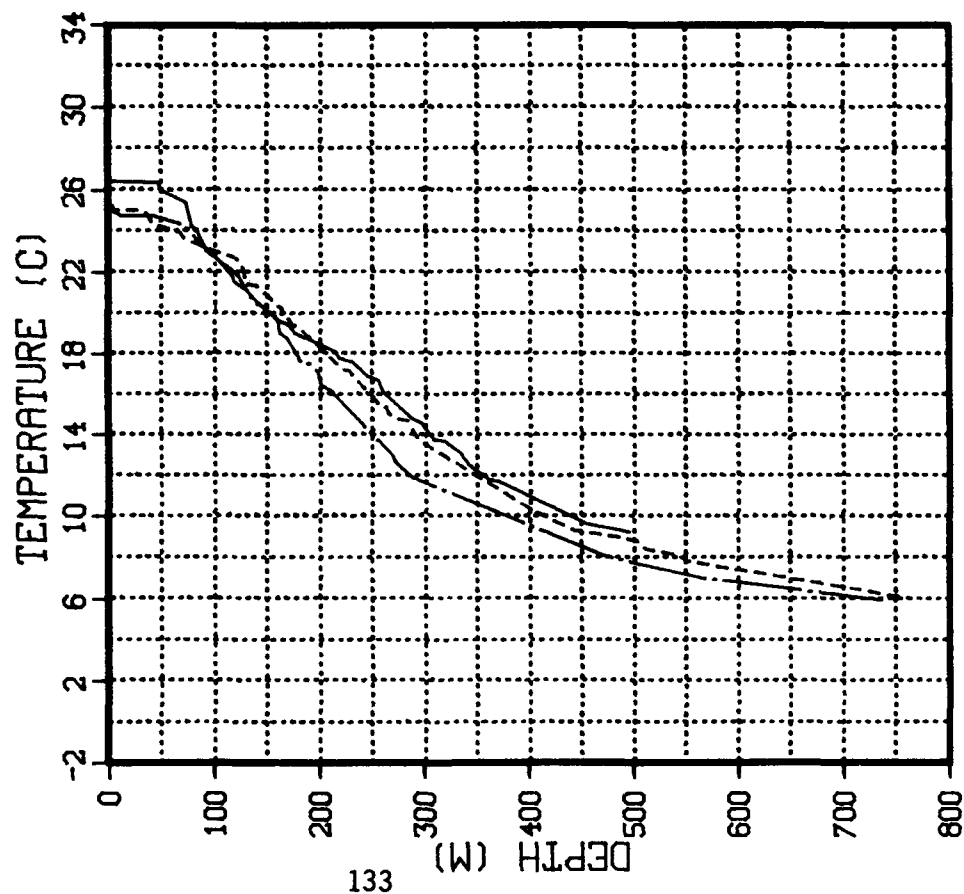


JAN, FEB, MAR

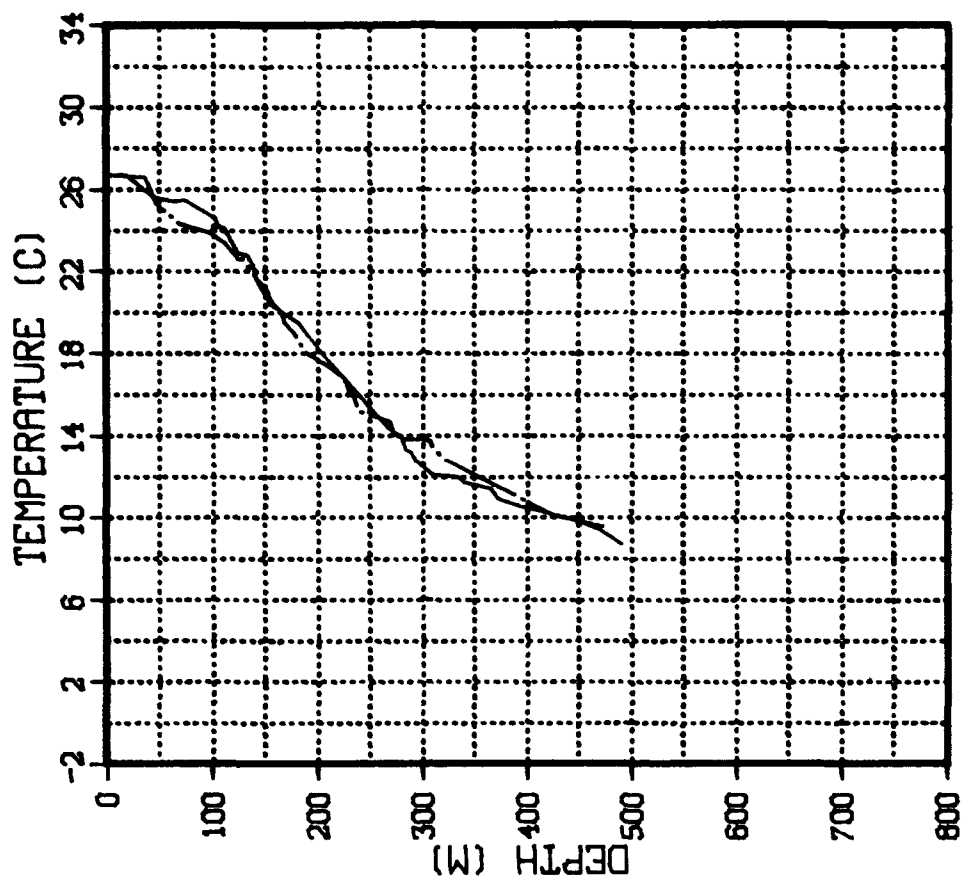


APR, MAY, JUN

AUSSIE WARM D 2

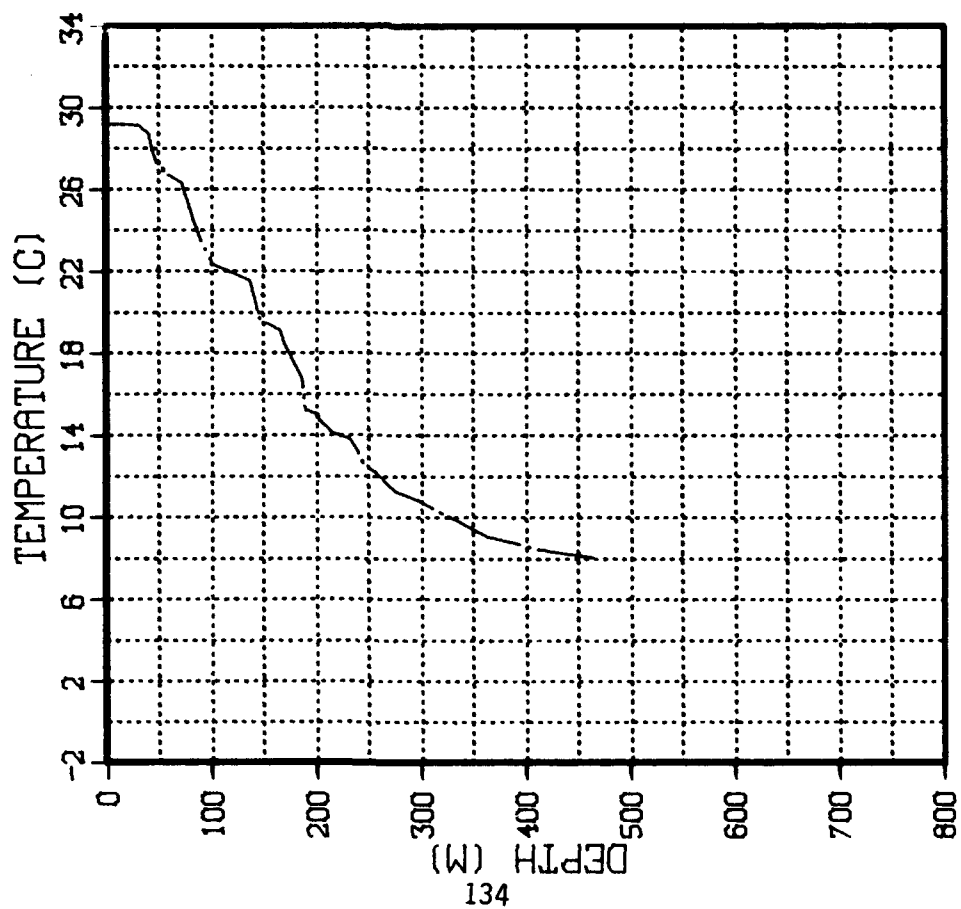


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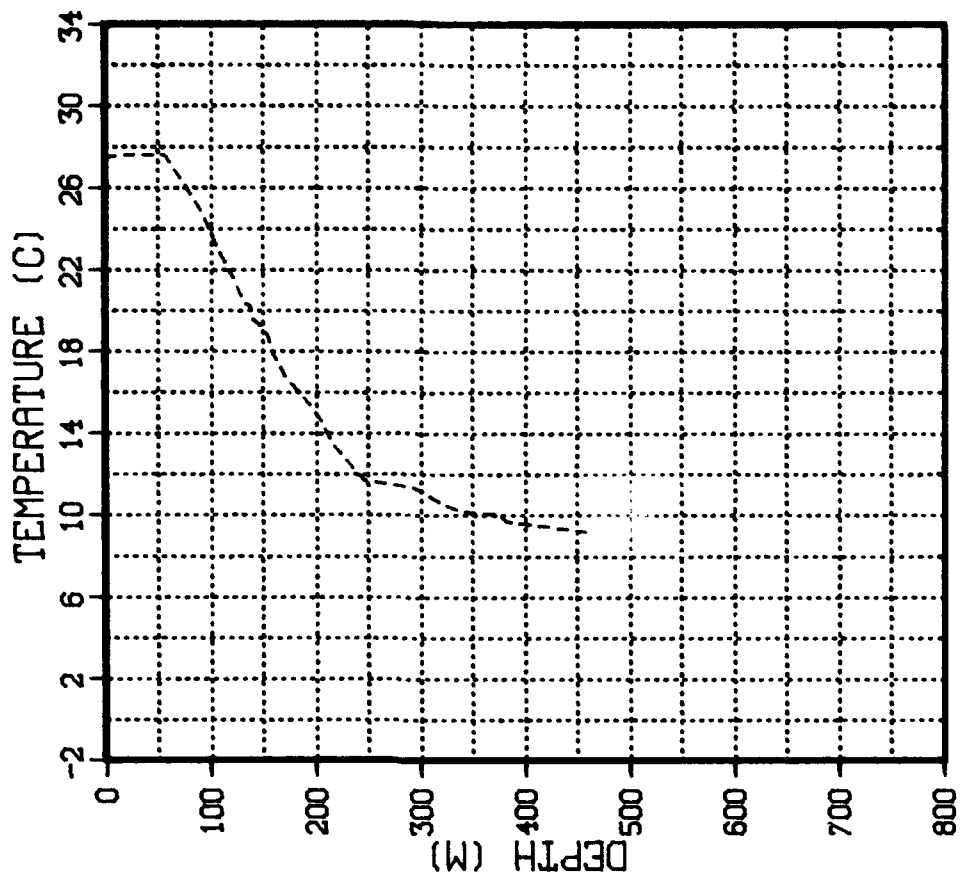


OCT, NOV, DEC

TIMOR D 3

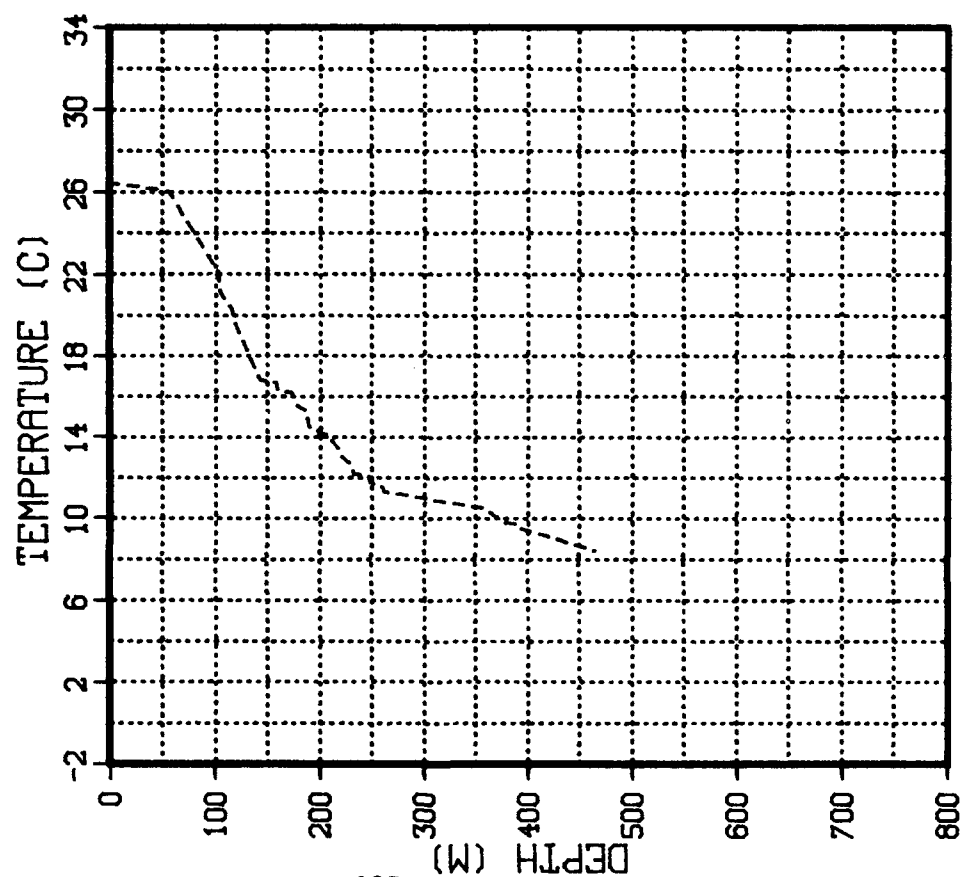


JAN, FEB, MAR

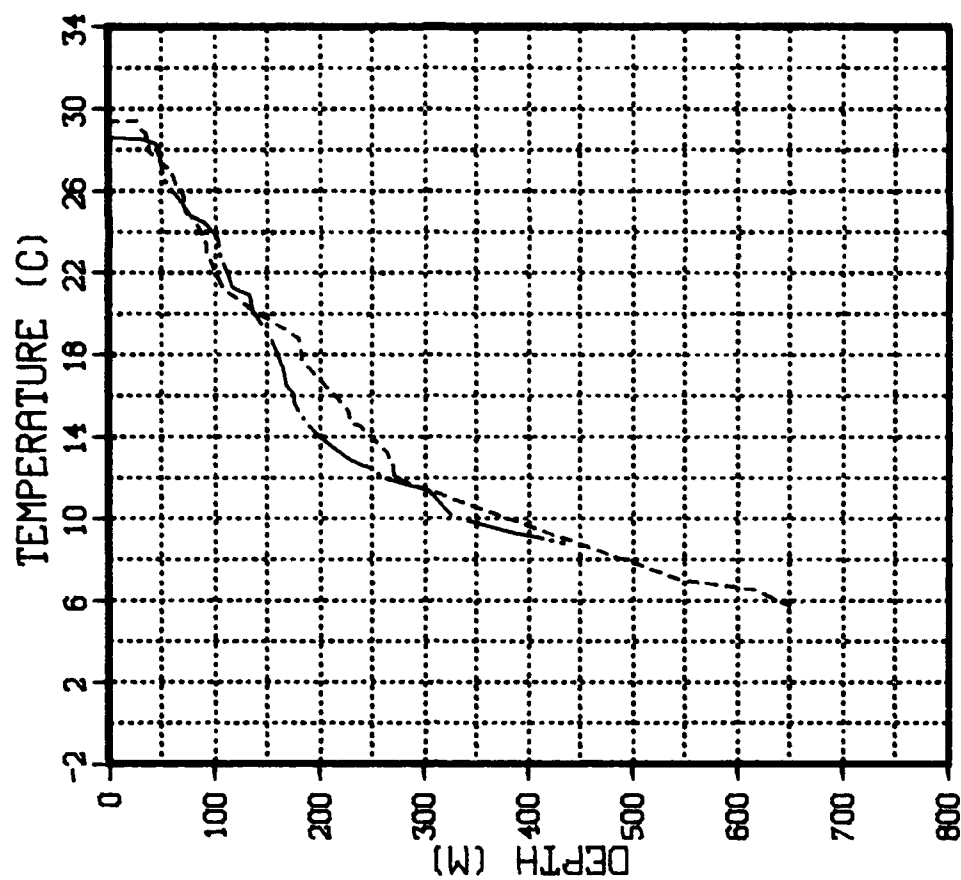


APR, MAY, JUN

TIMOR D 3

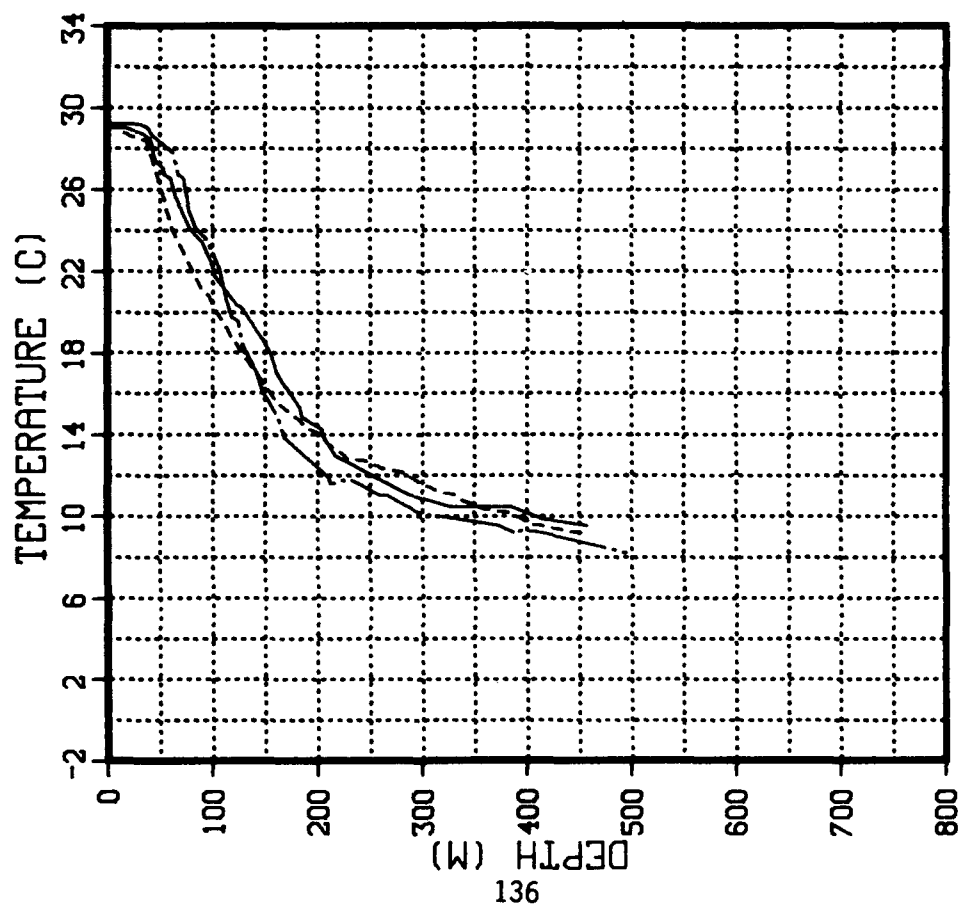


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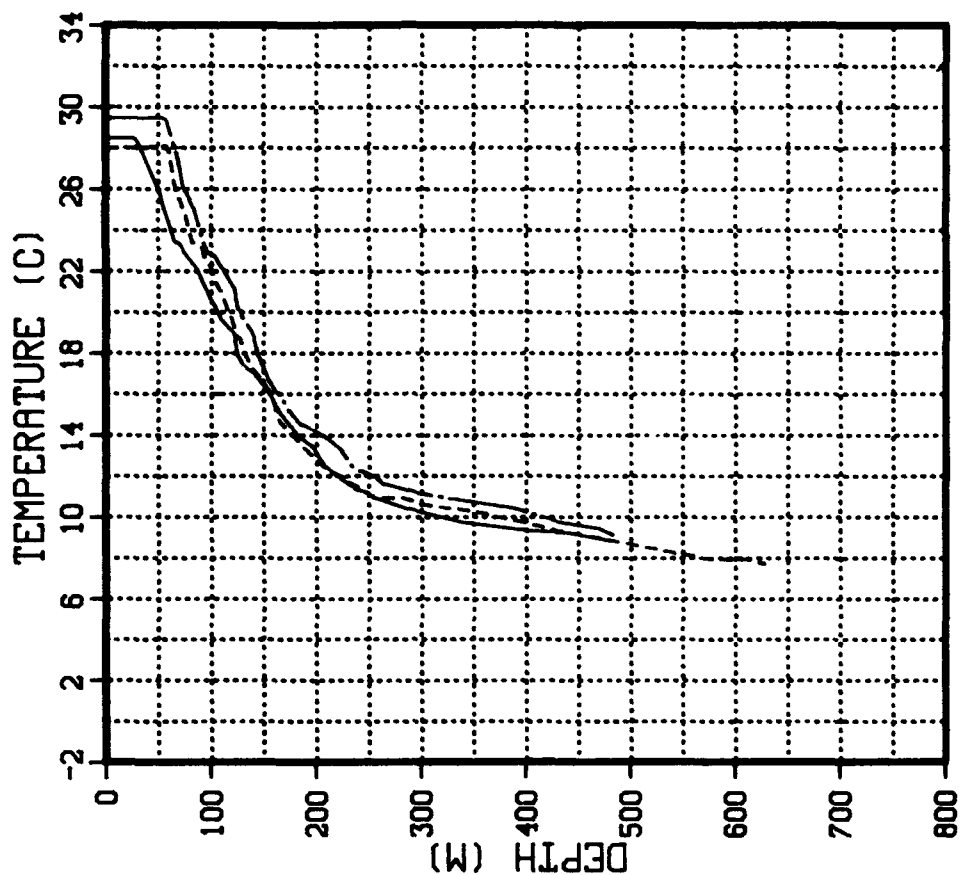


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WHARTON COLD D 4

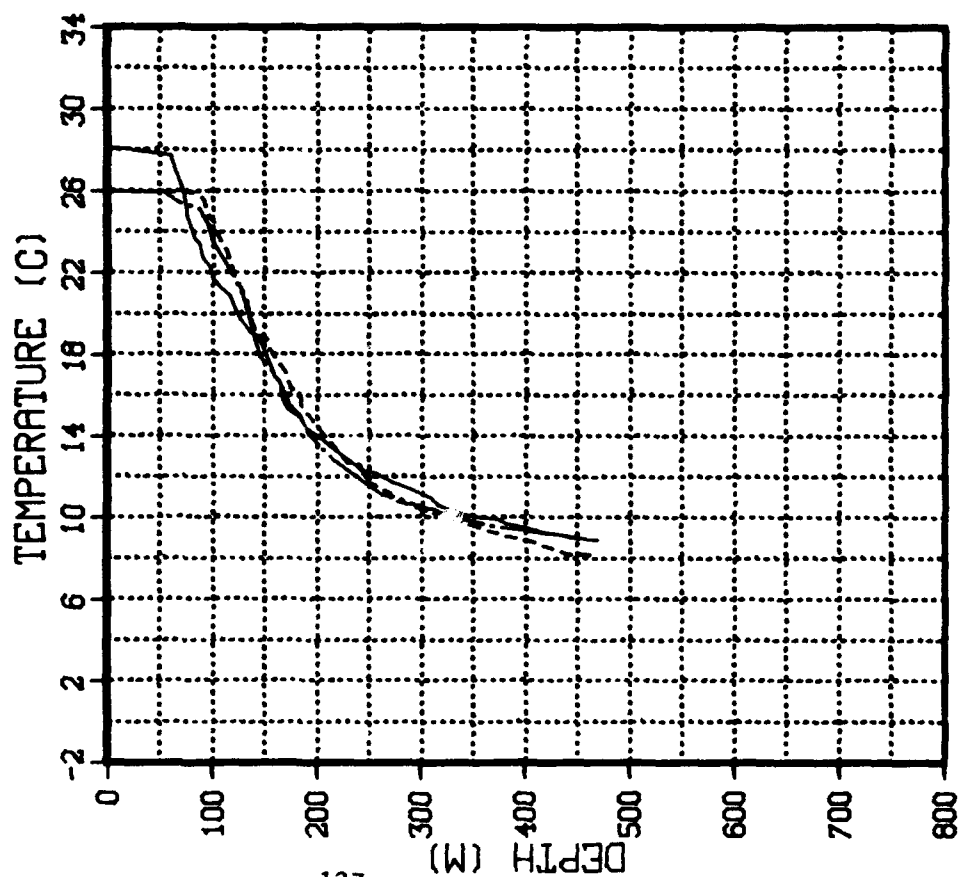


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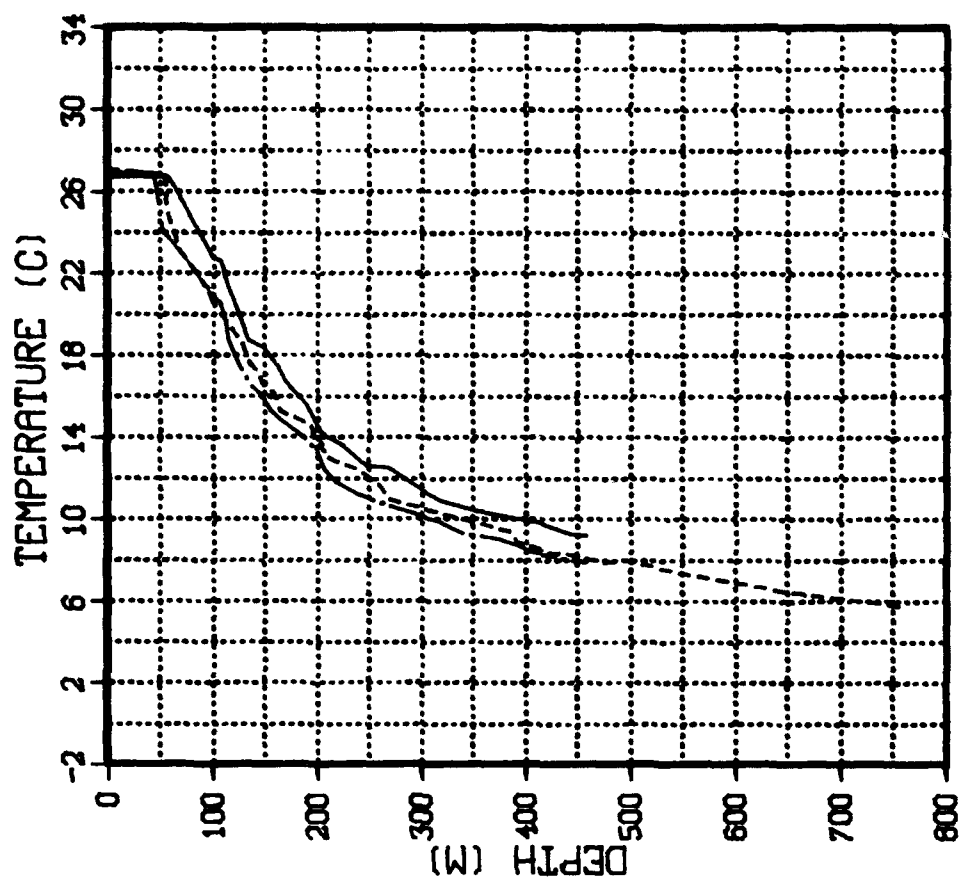


APR, MAY, JUN

WHARTON COLD D 4

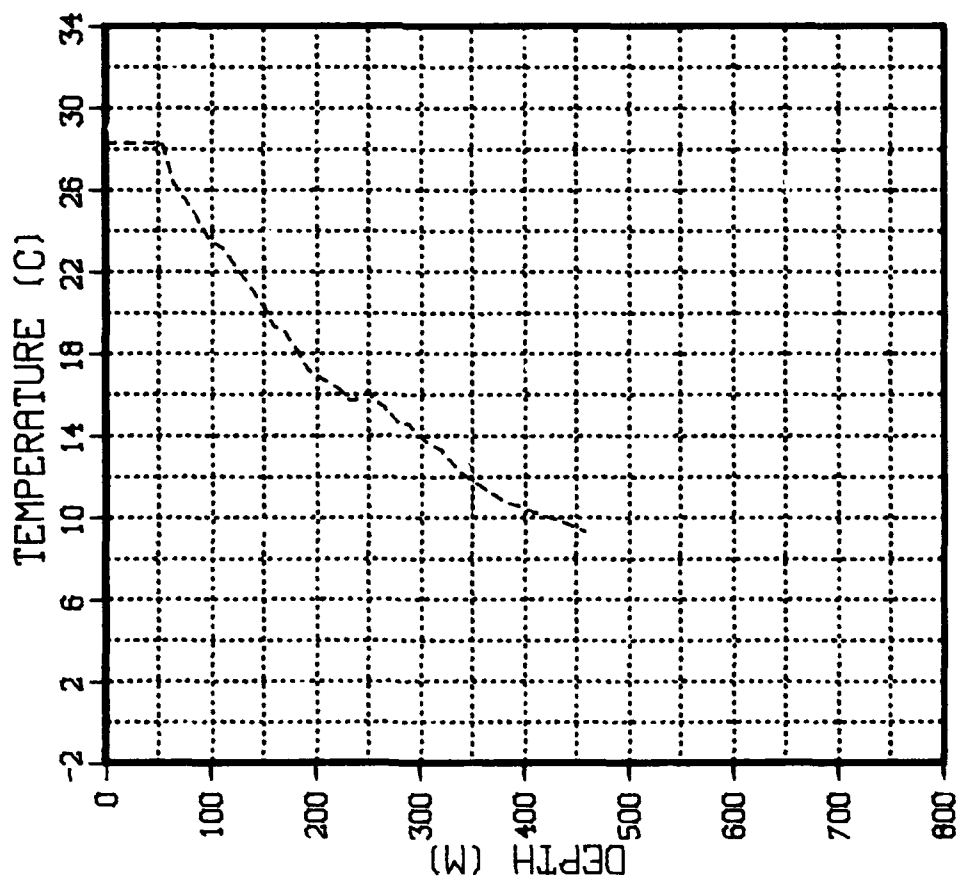


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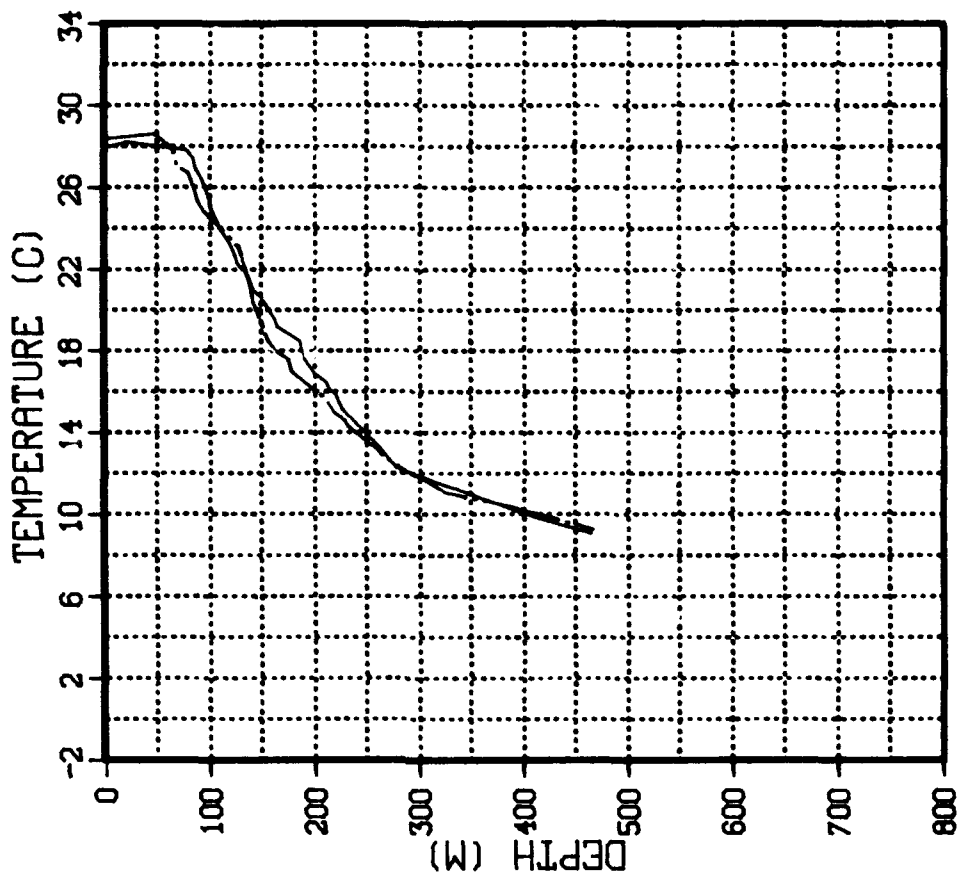


OCT, NOV, DEC

WHARTON WARM D 4

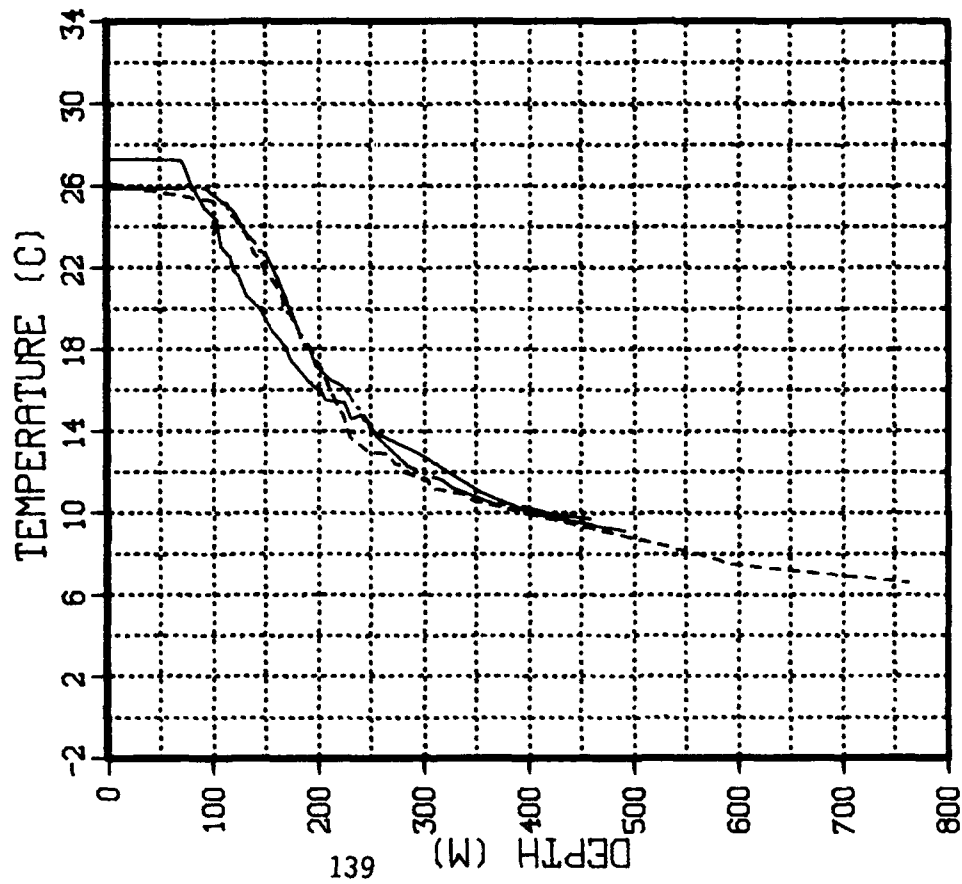


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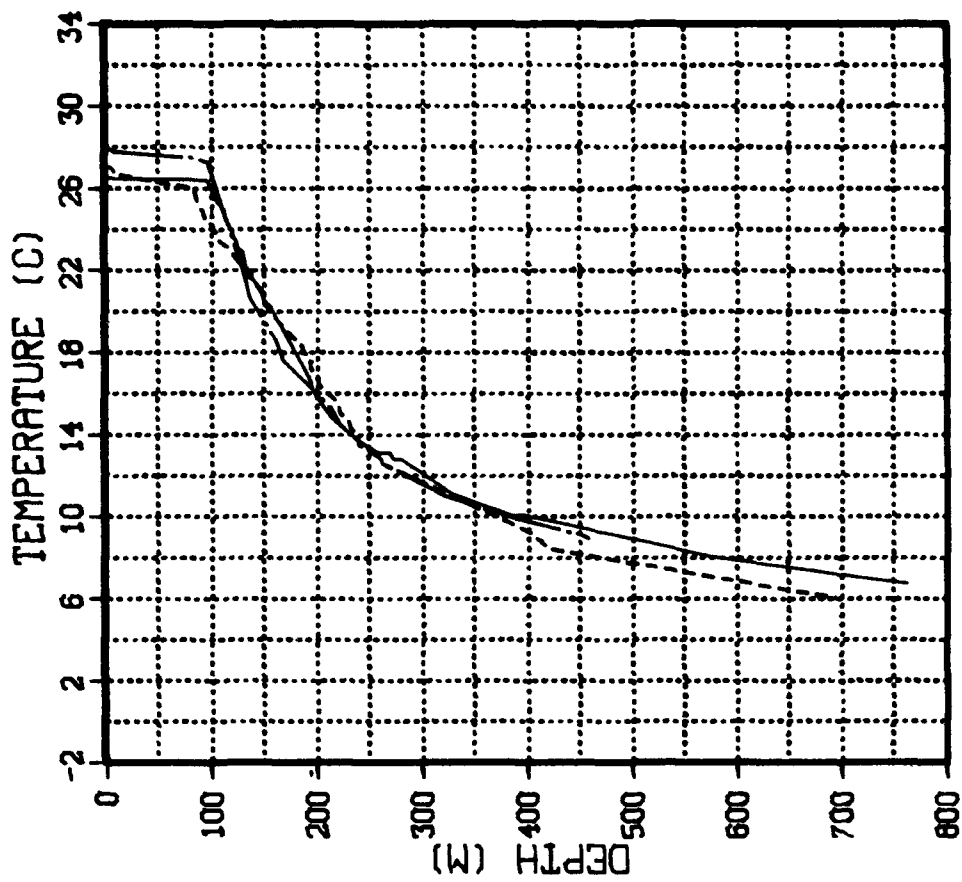


APR, MAY, JUN

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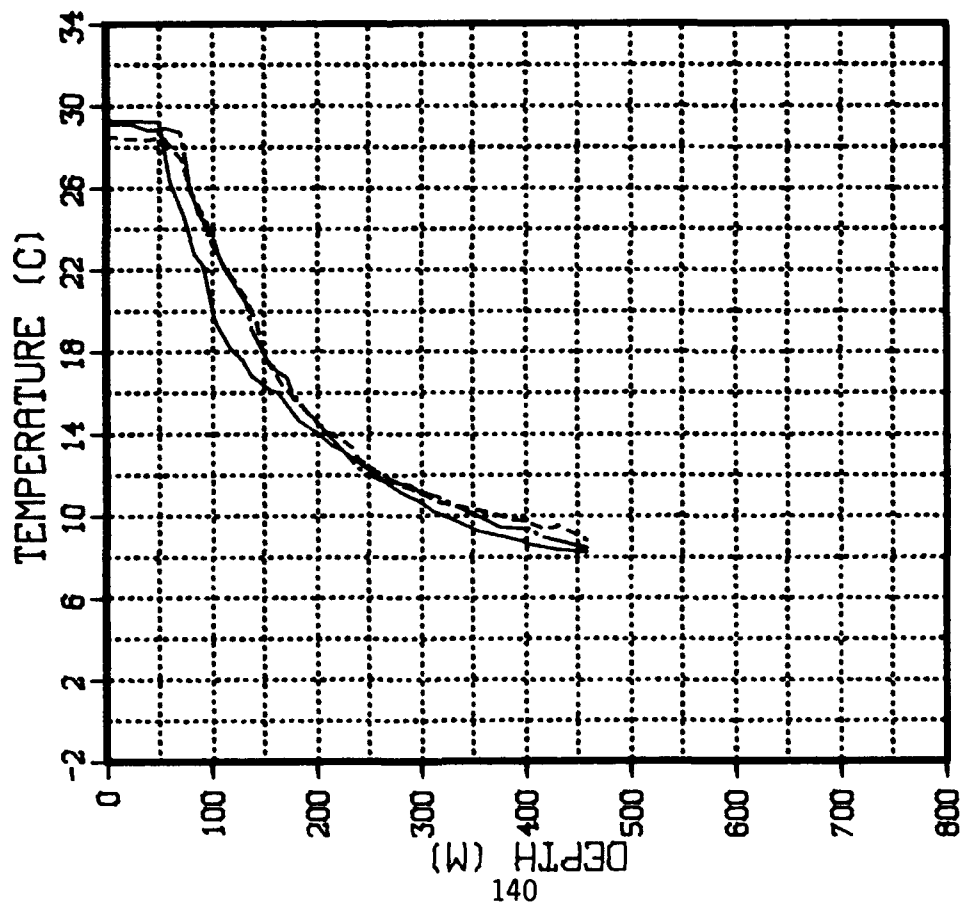


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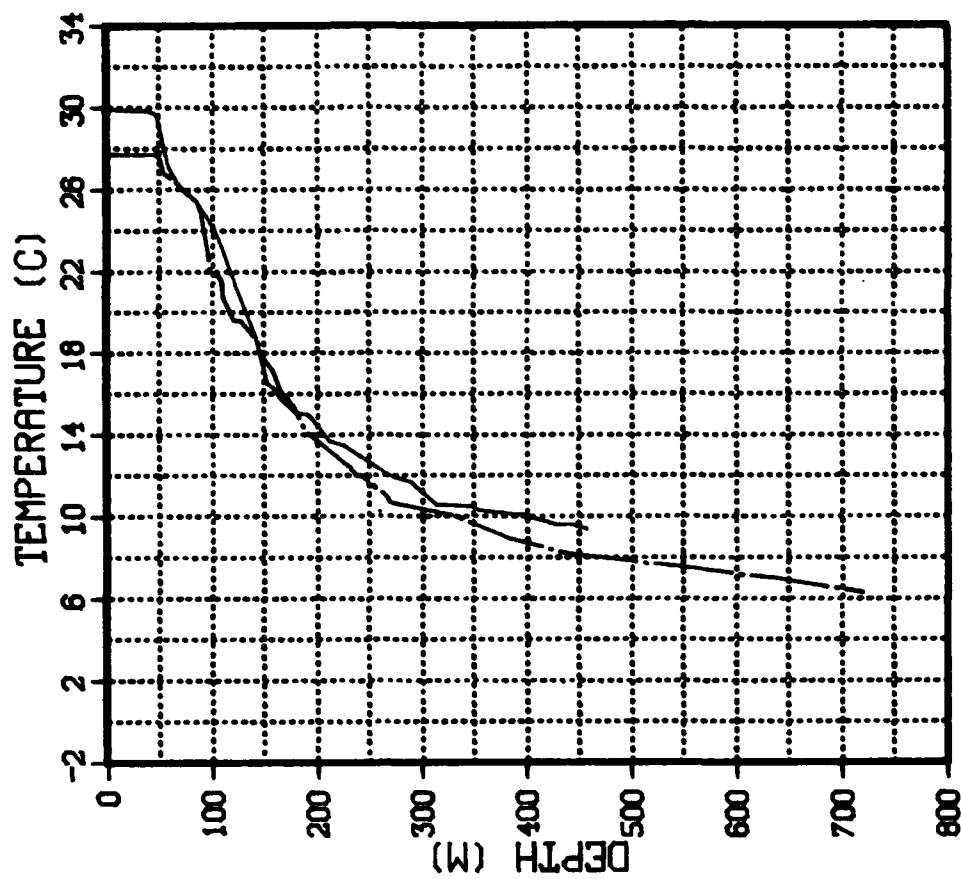


OCT, NOV, DEC

AUSSIE COLD D 5

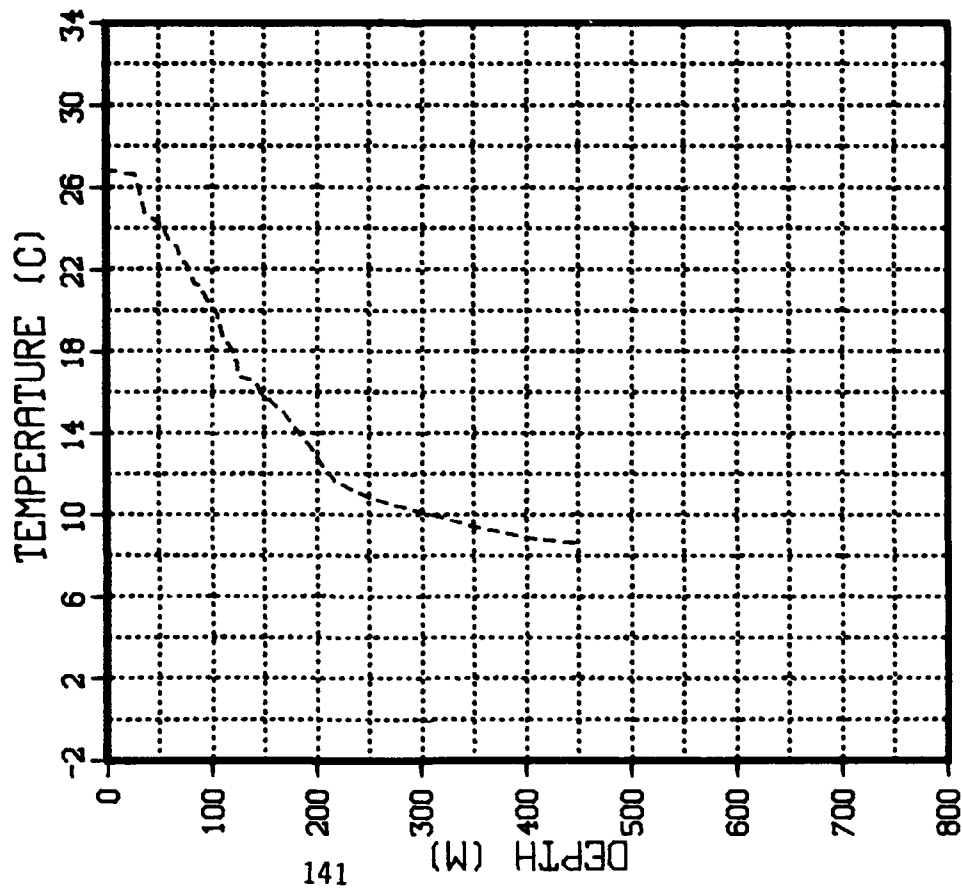


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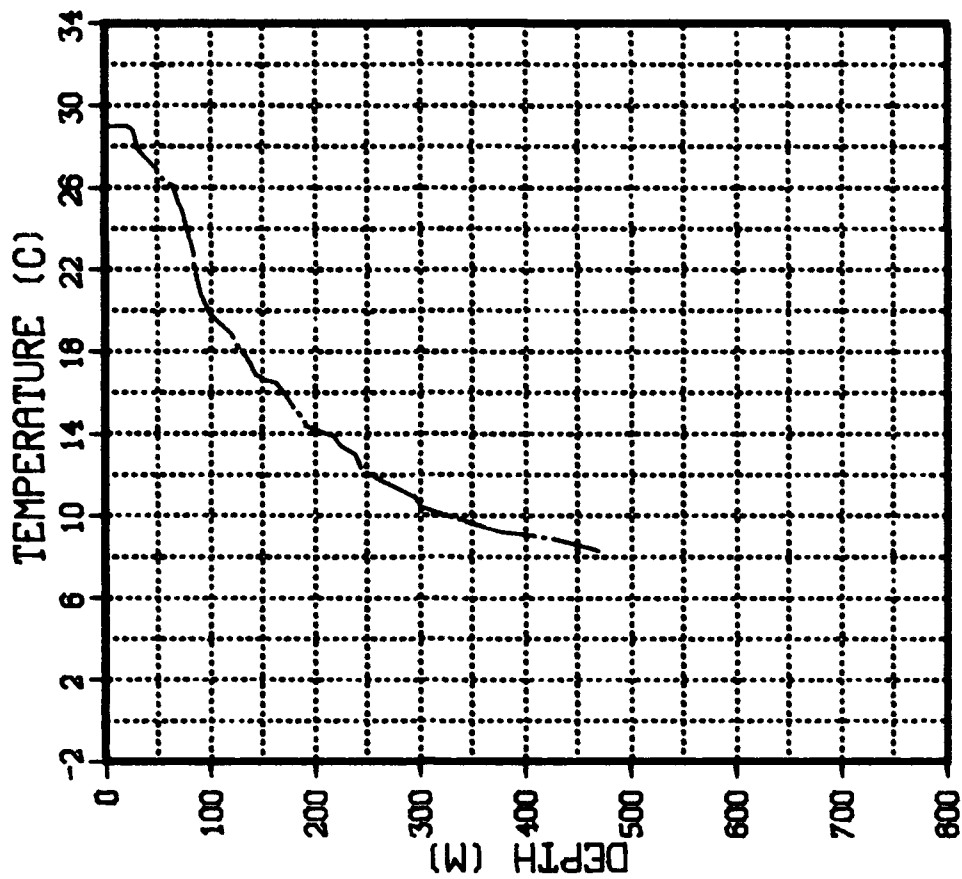


APR, MAY, JUN

AUSSIE COLD D 5

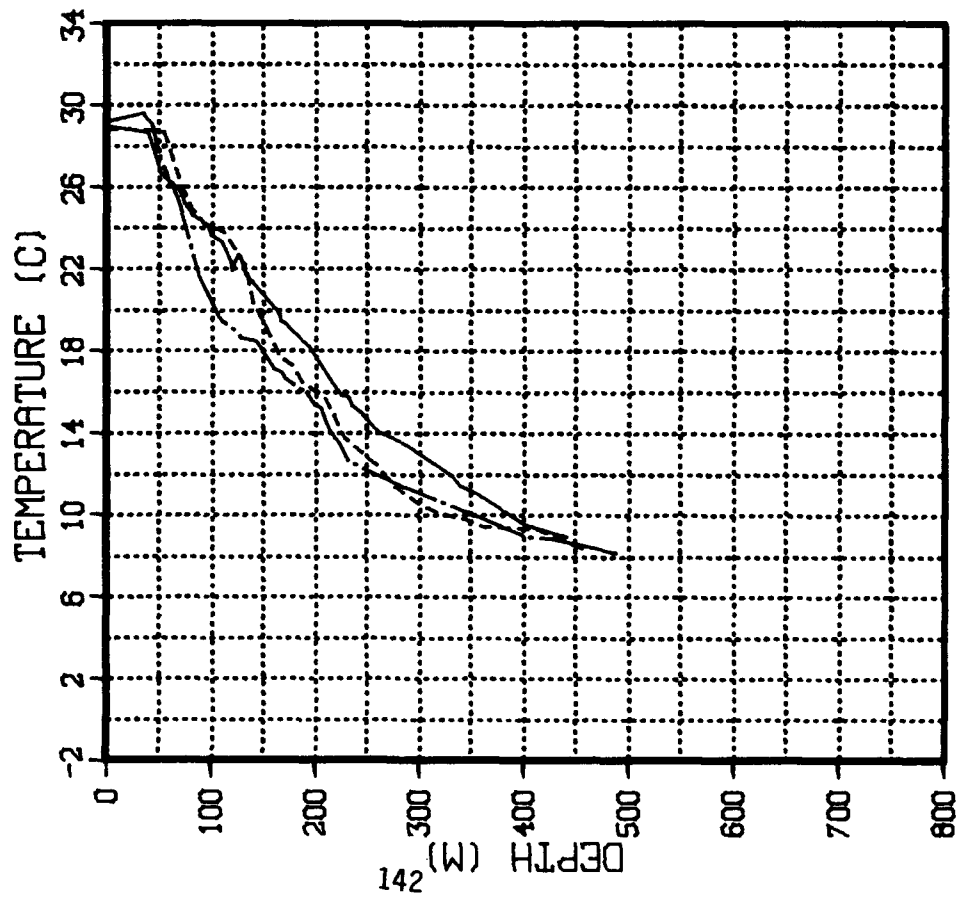


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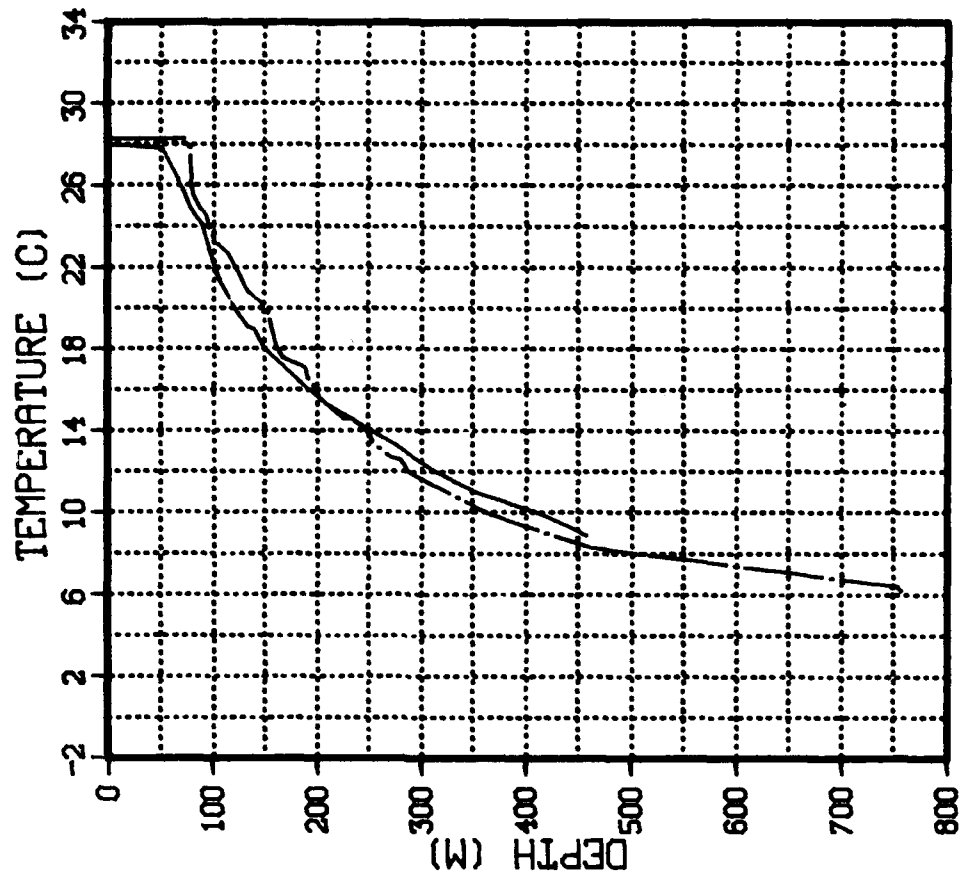


OCT, NOV, DEC

AUSSIE WARM D 5

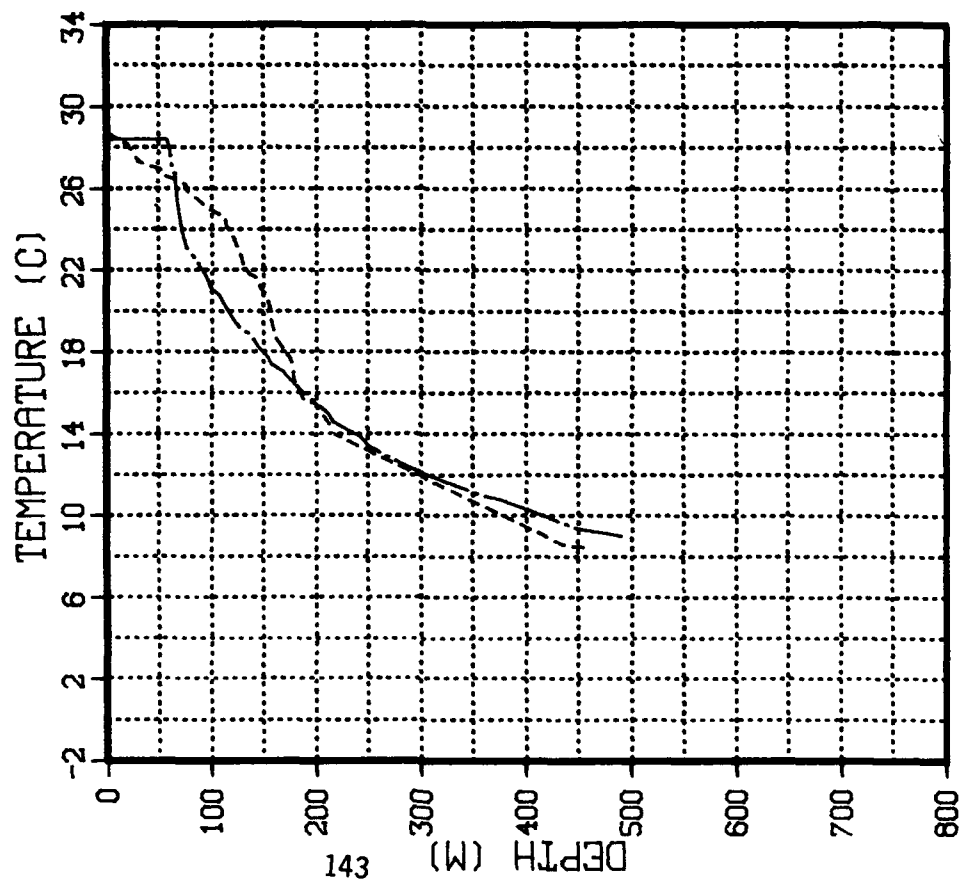


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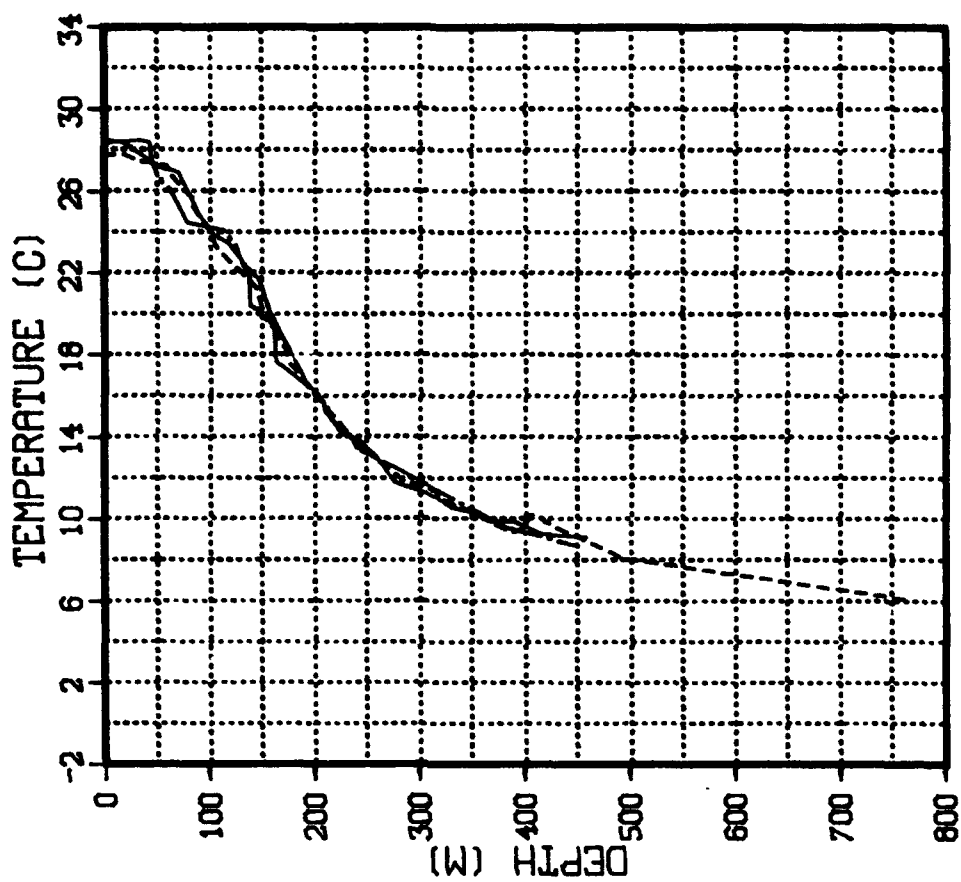


APR, MAY, JUN

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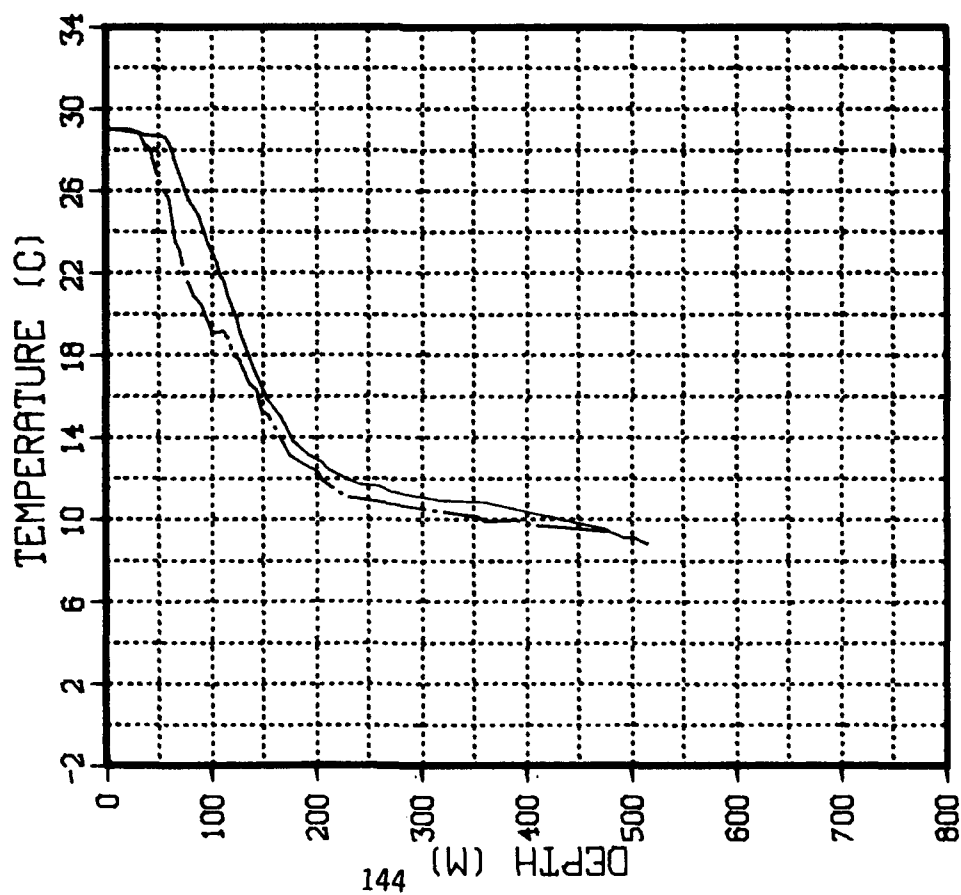


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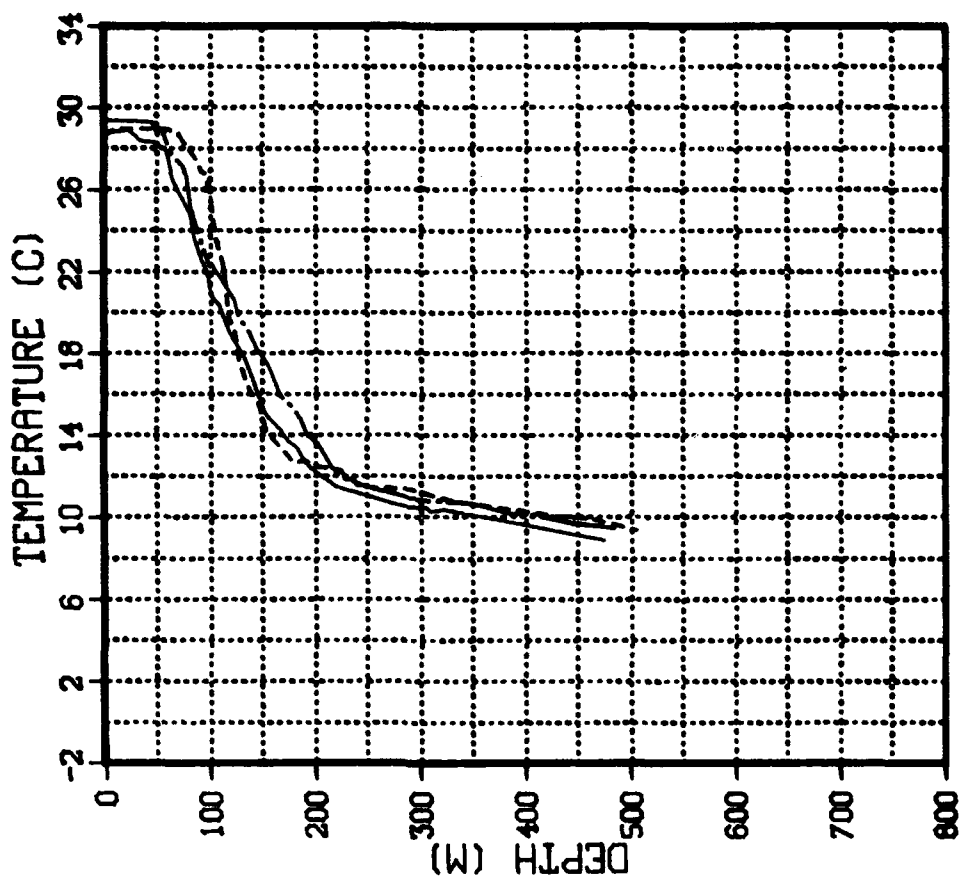


OCT, NOV, DEC

EAST INDIAN COLD D 6

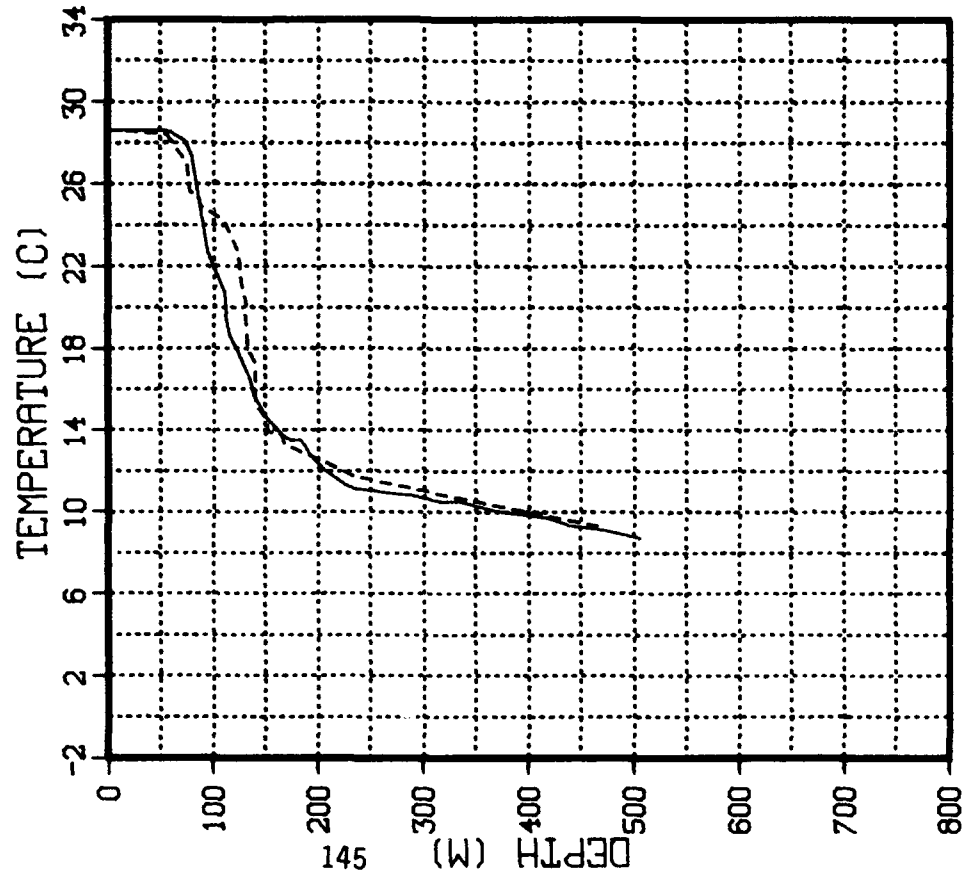


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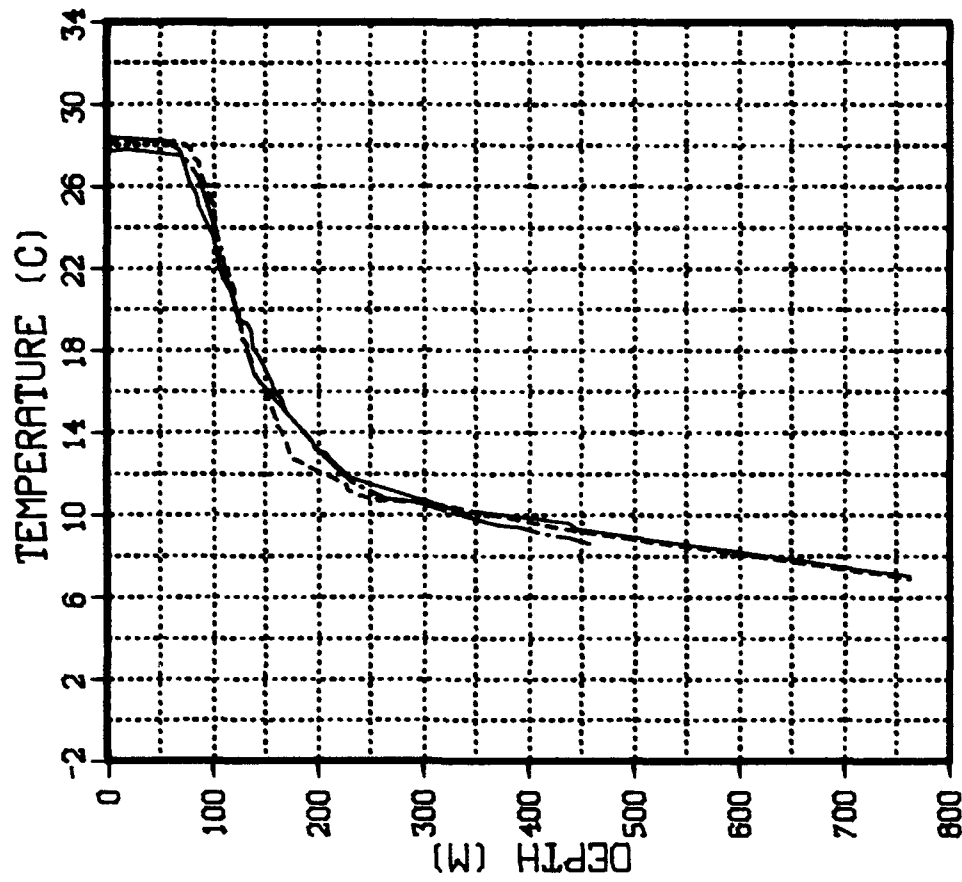


APR, MAY, JUN

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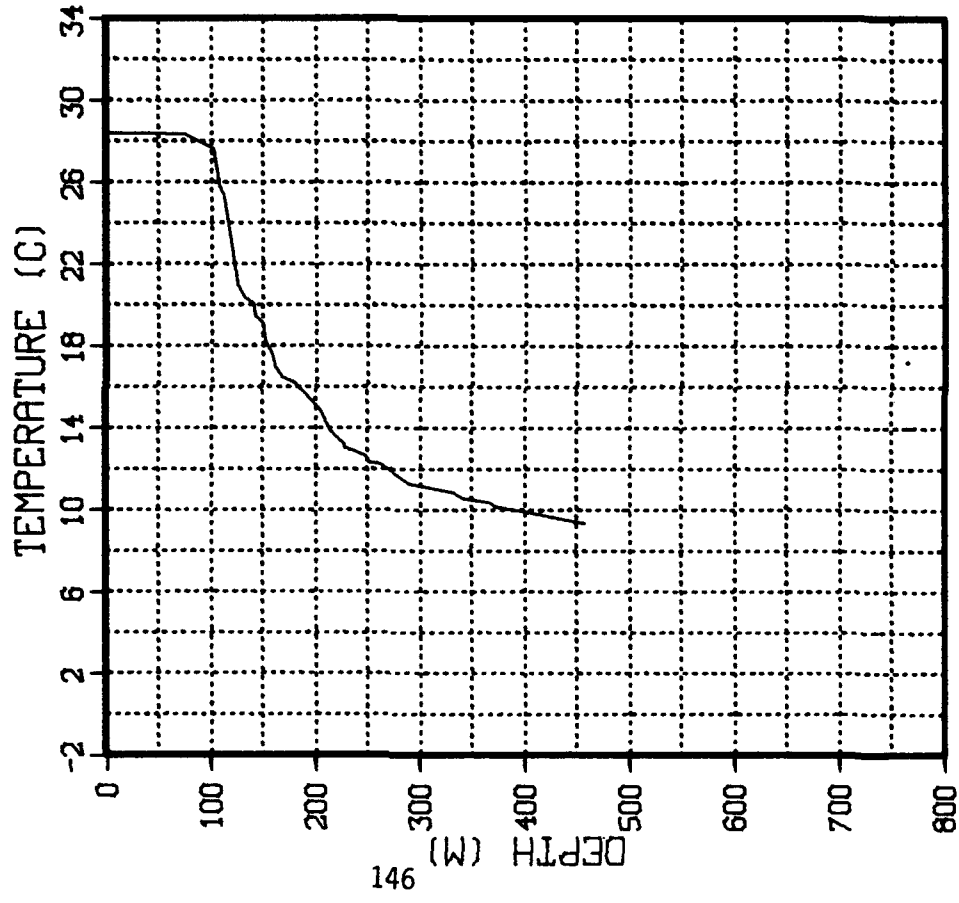


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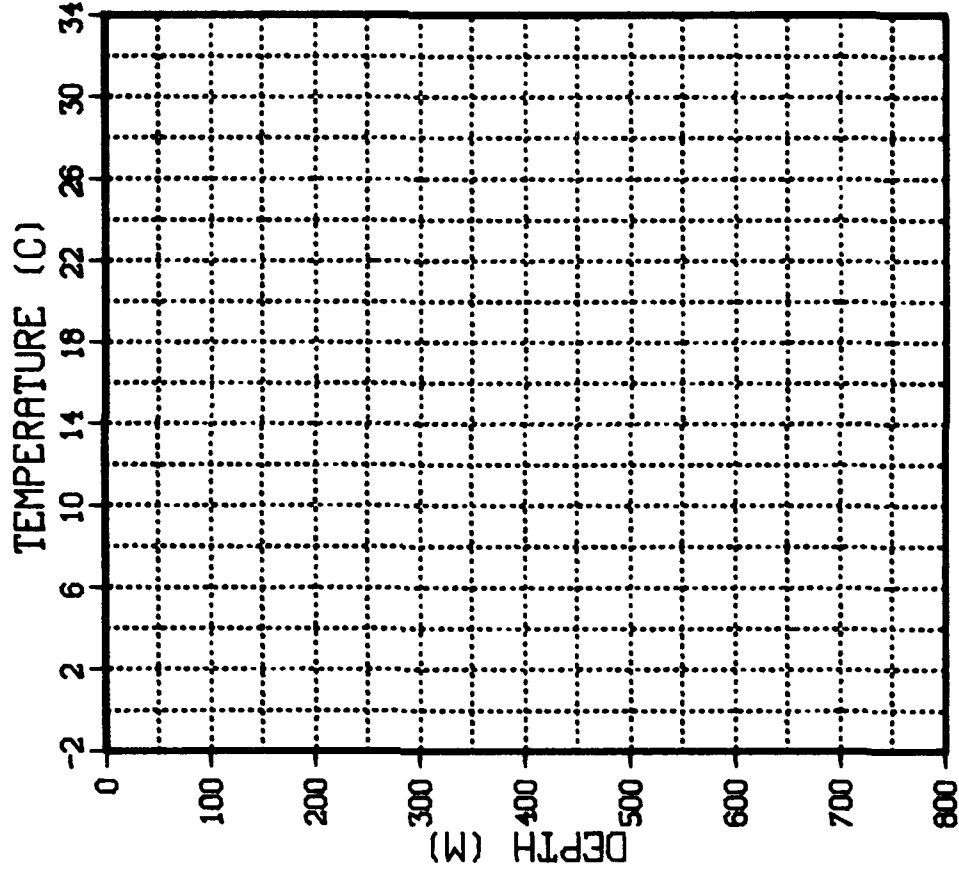


OCT, NOV, DEC

EAST INDIAN WARM D 6

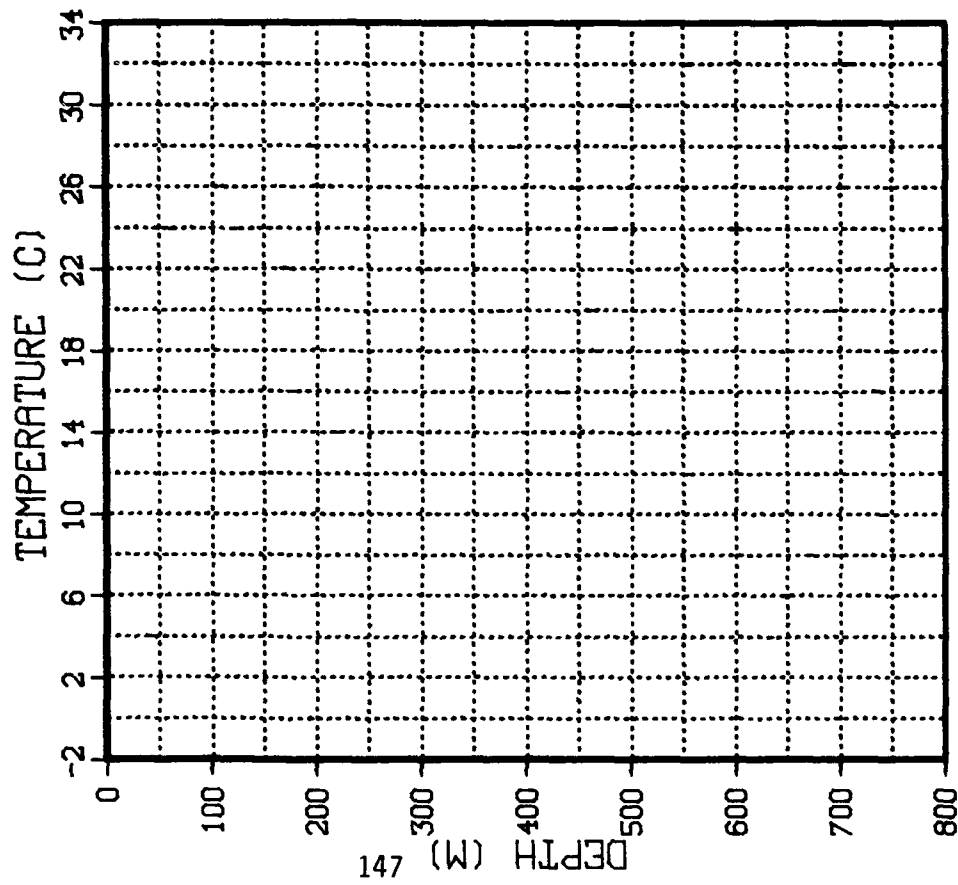


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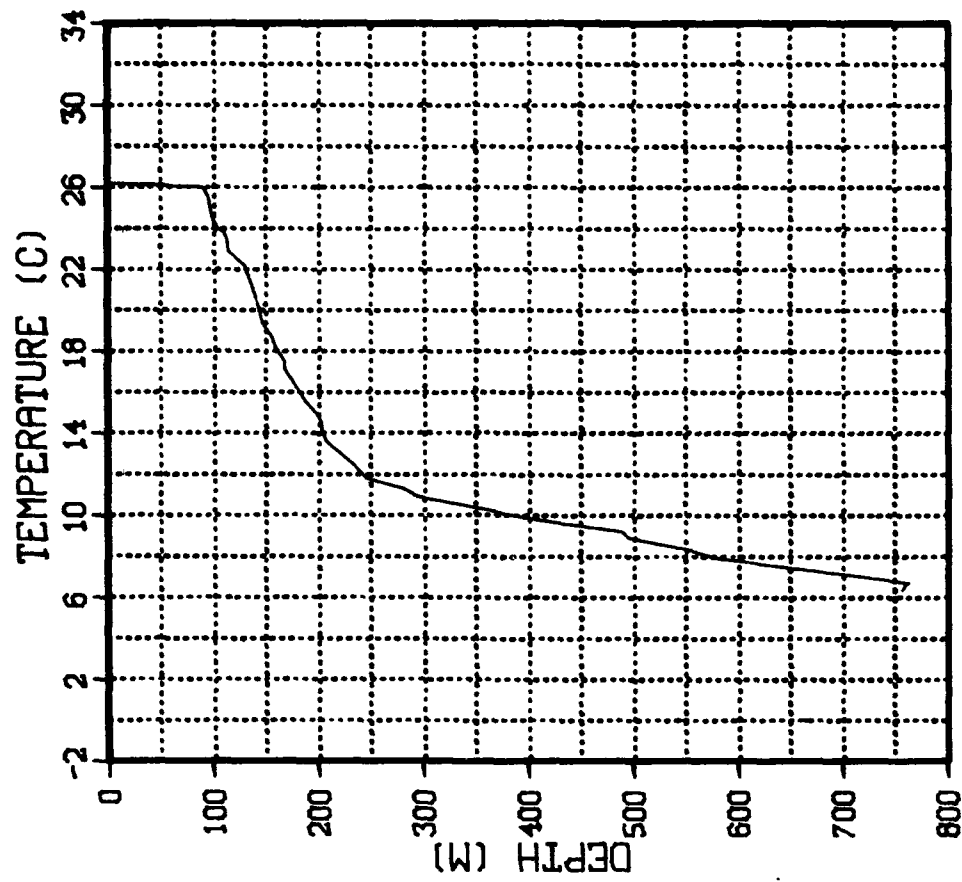


APR, MAY, JUN

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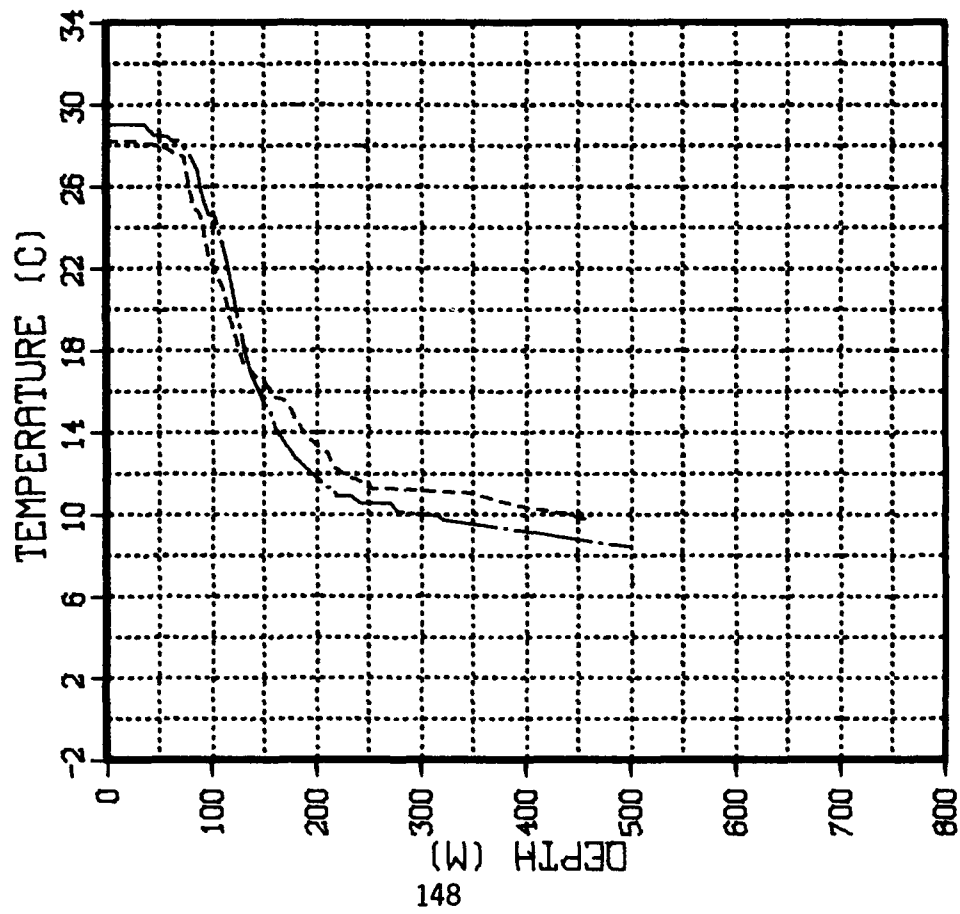


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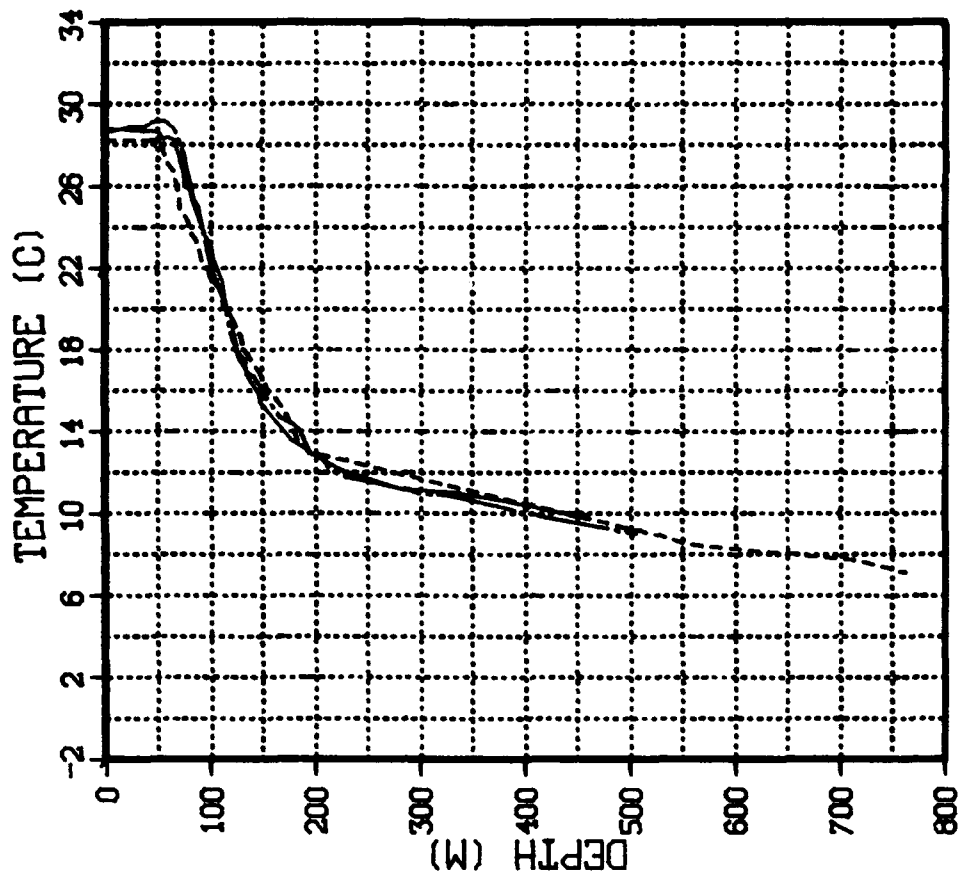


OCT, NOV, DEC

SUNDA D 7

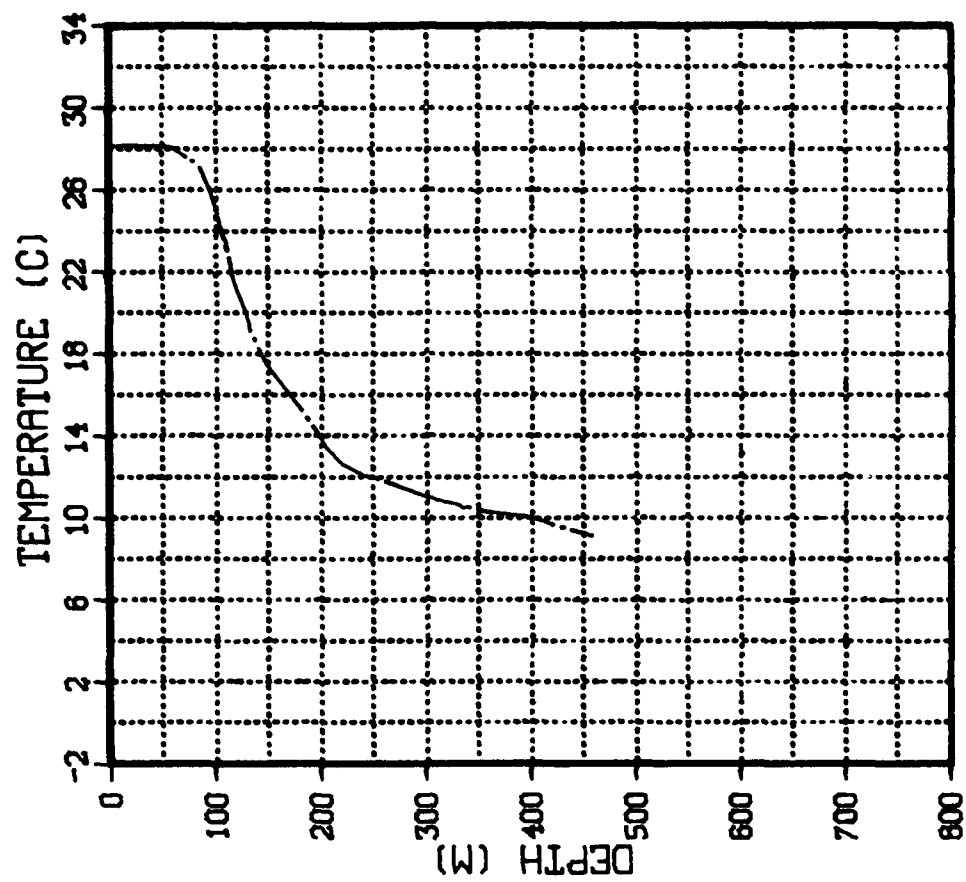
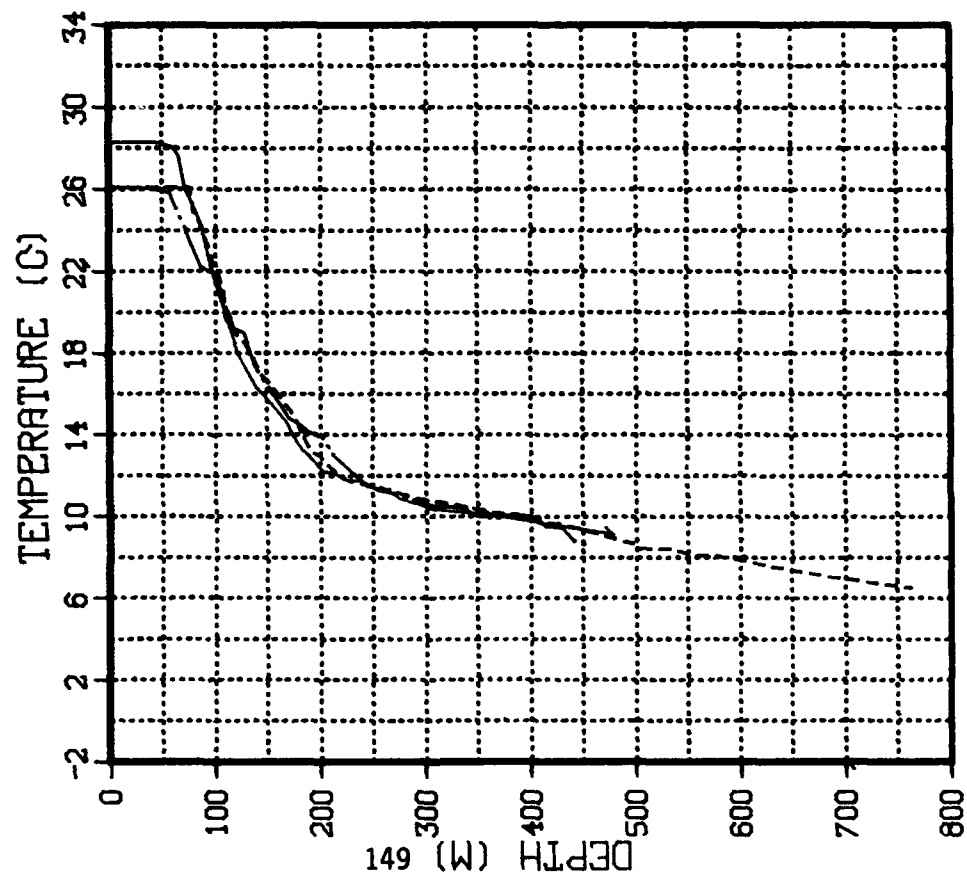


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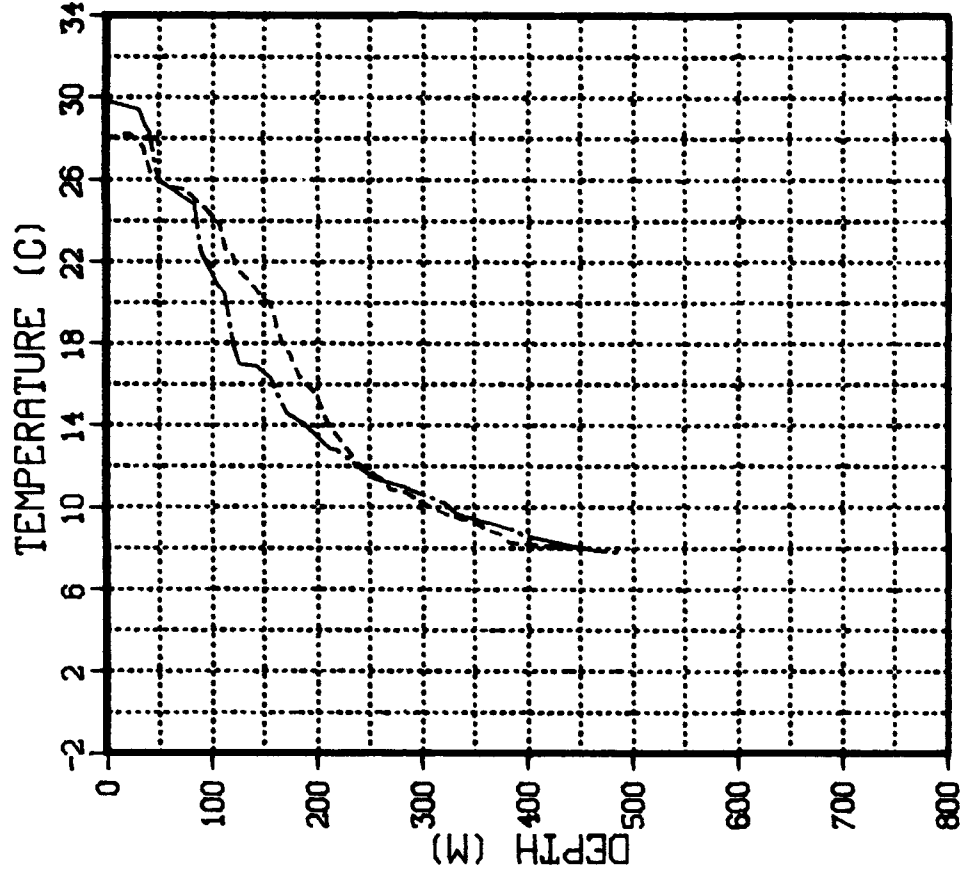
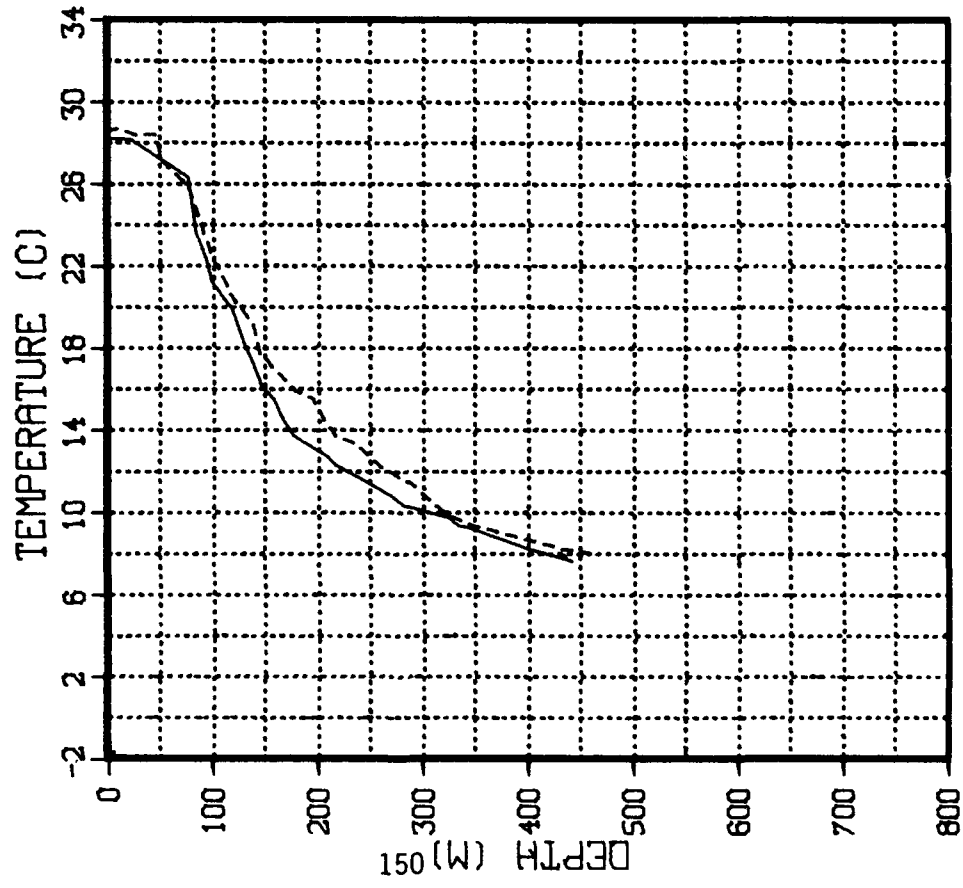


APR, MAY, JUN

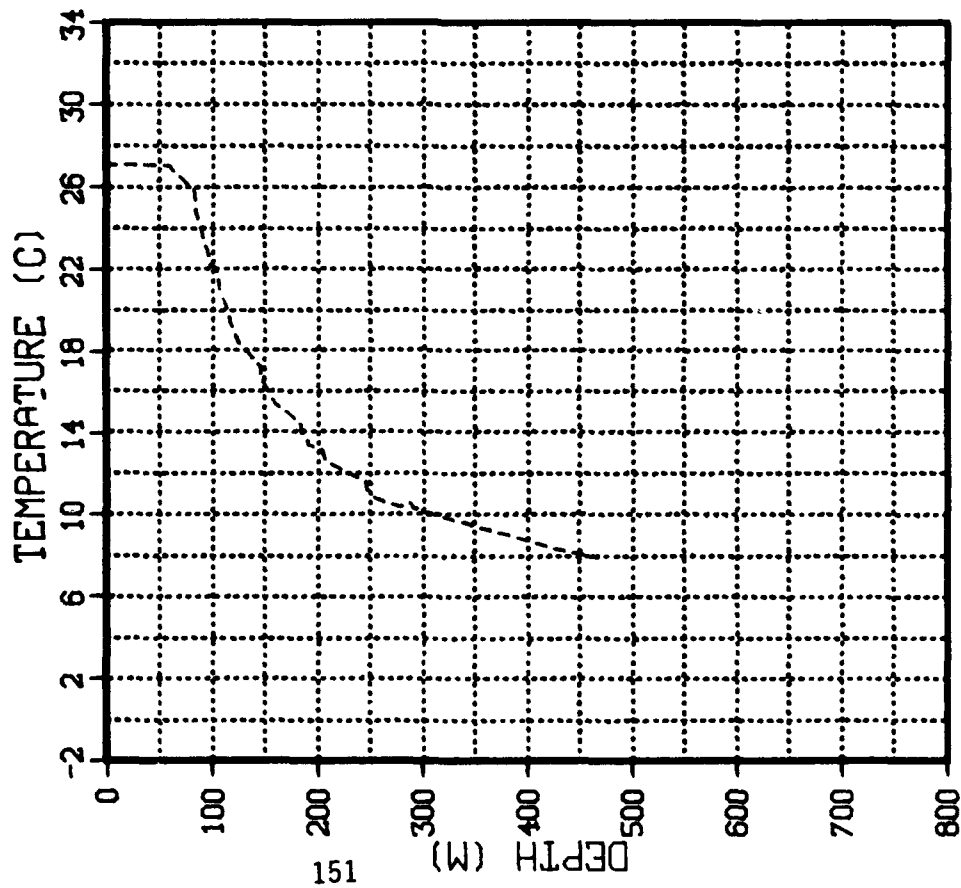
SUNDA D 7



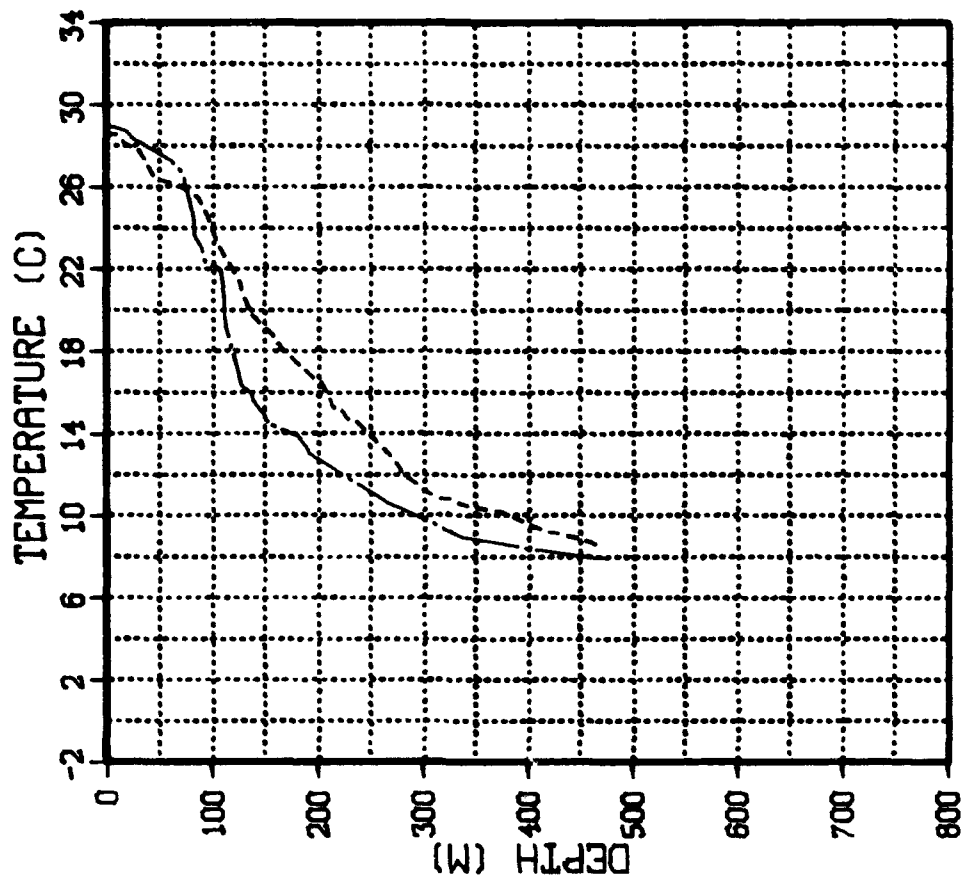
SOUTH JAVA D 8



SOUTH JAVA D 8

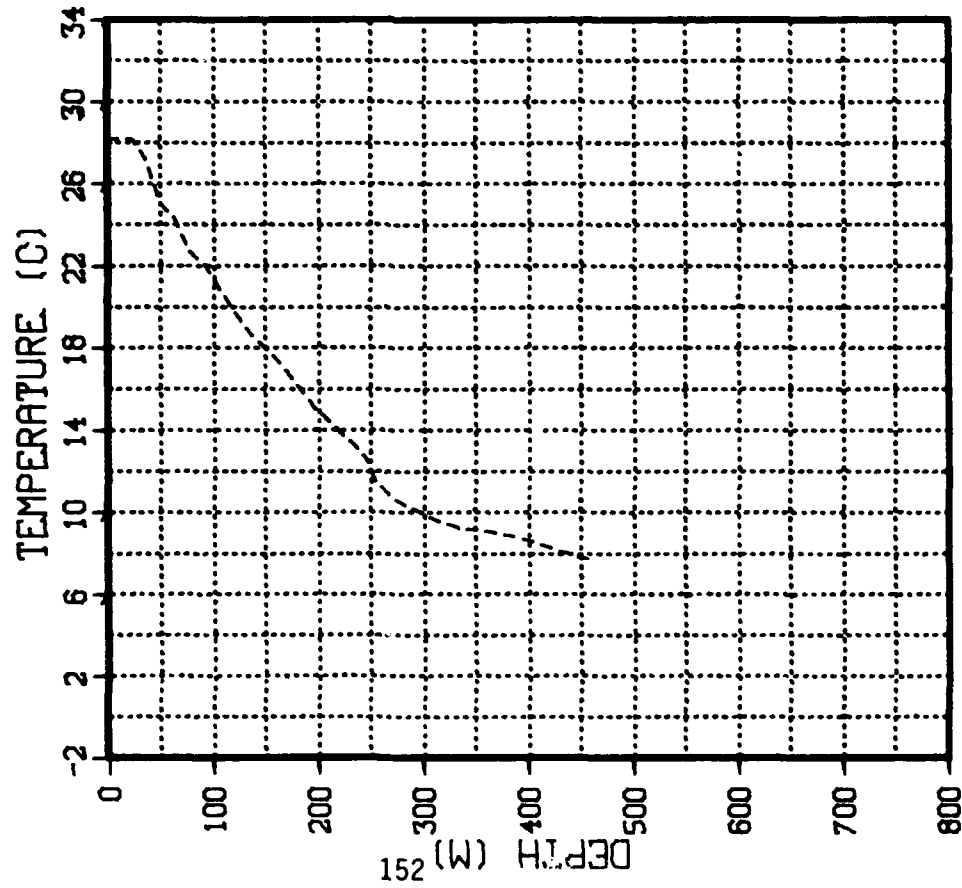


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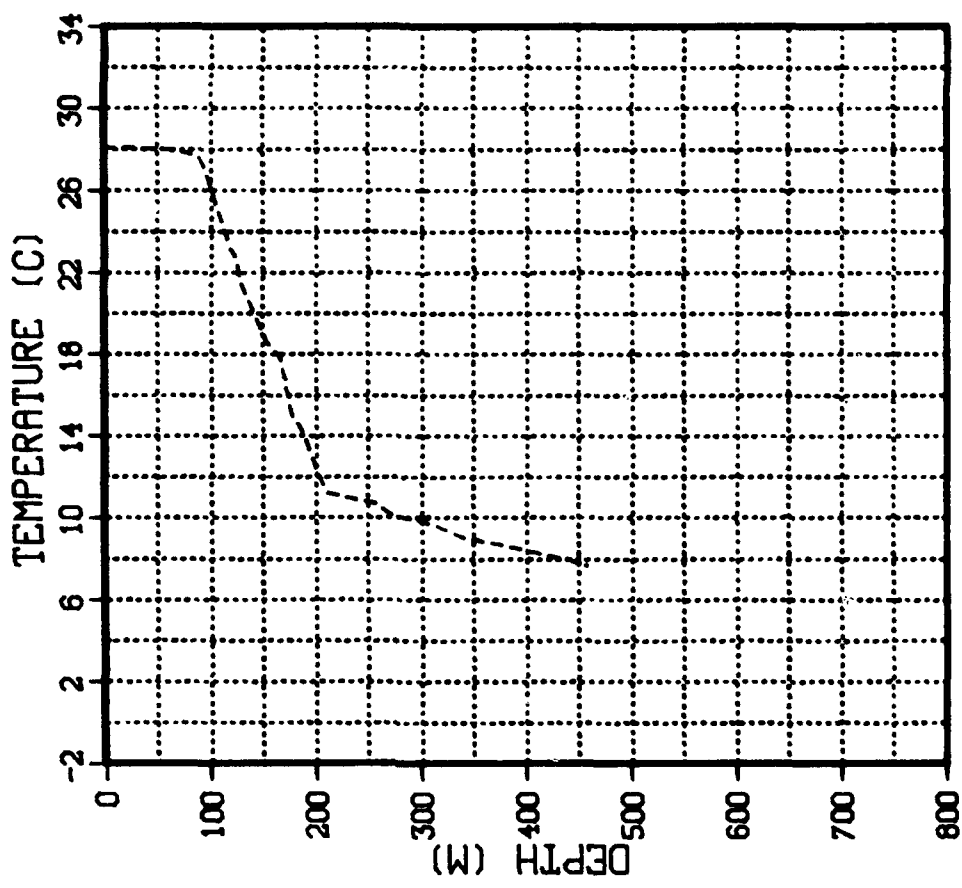


OCT, NOV, DEC

MAKASSAR/FLORES D 9

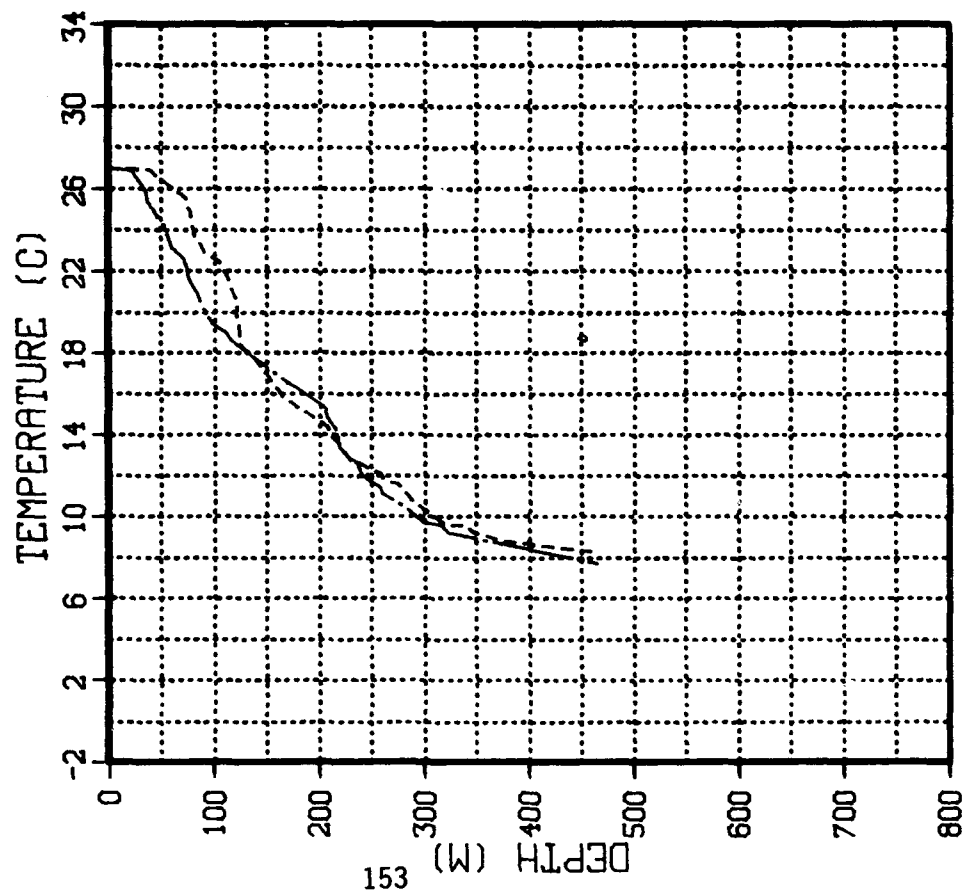


JAN, FEB, MAR

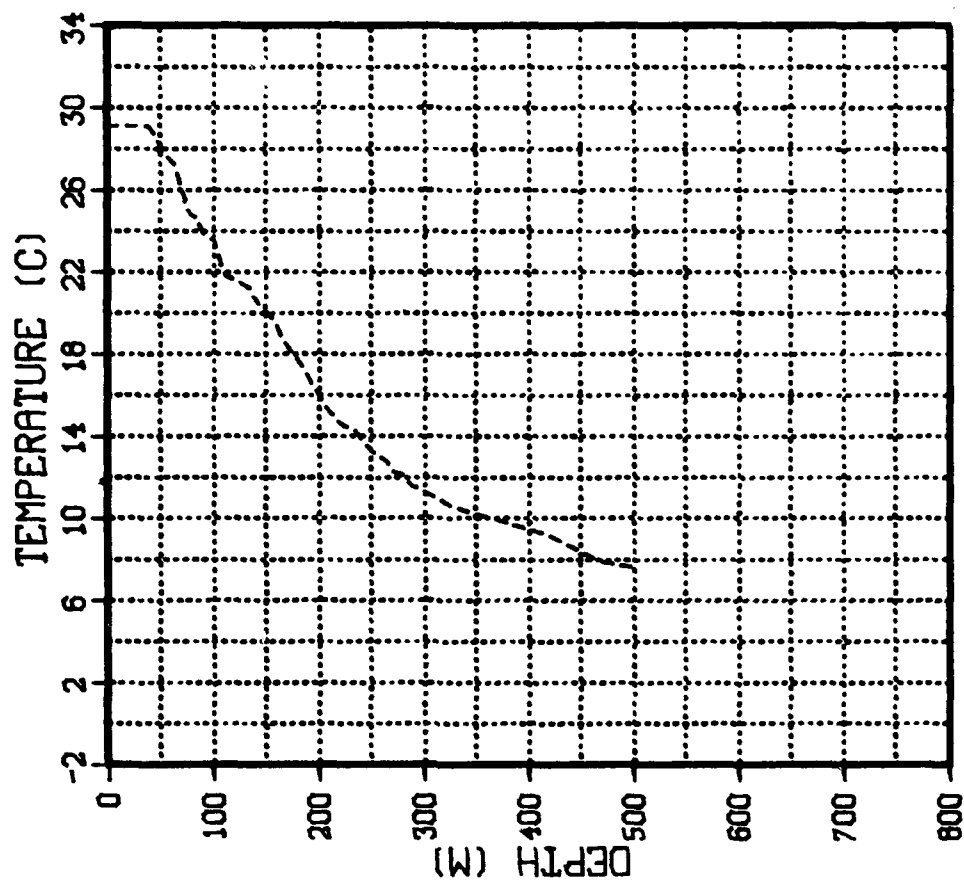


APR, MAY, JUN

MAKASSAR/FLORES D 9

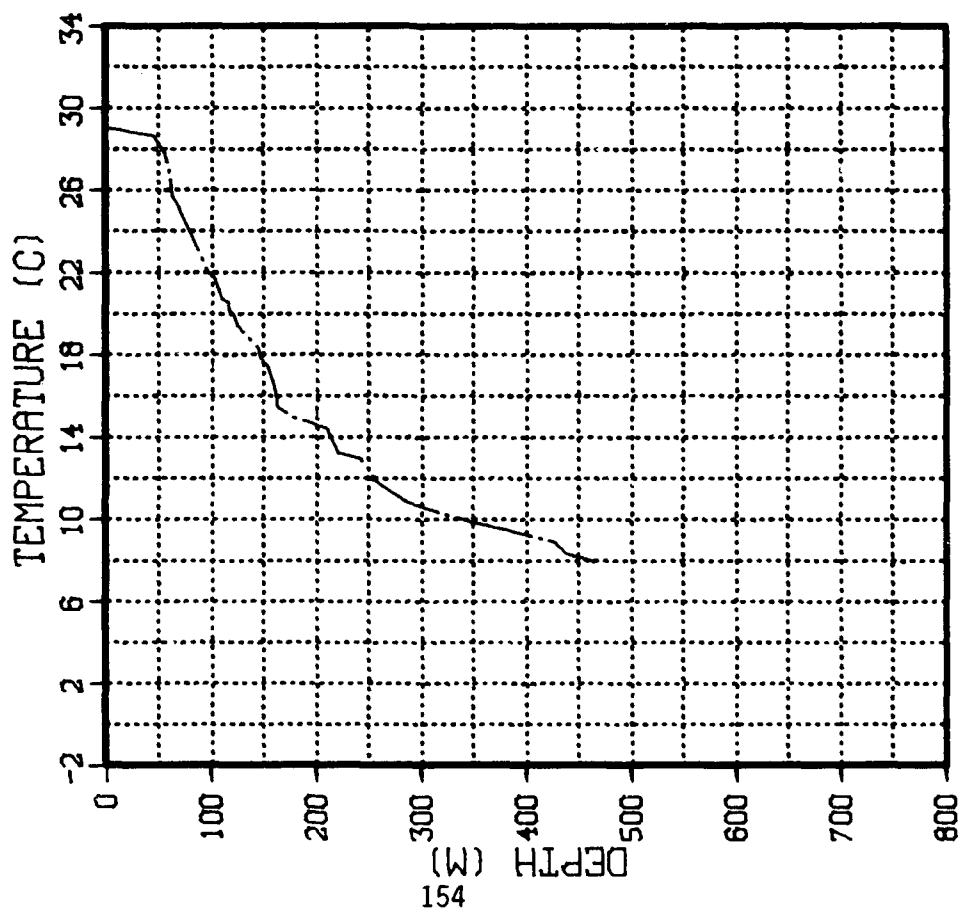


JUL, AUG, SEP

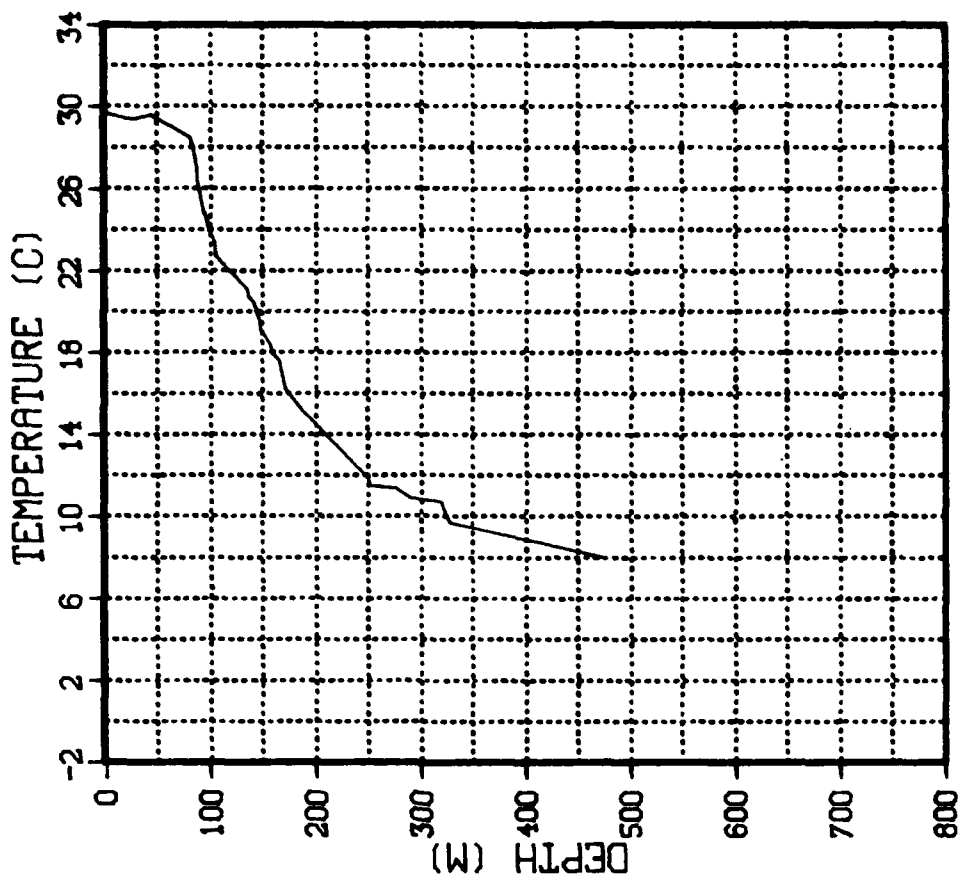


OCT, NOV, DEC

BANDA COLD D10

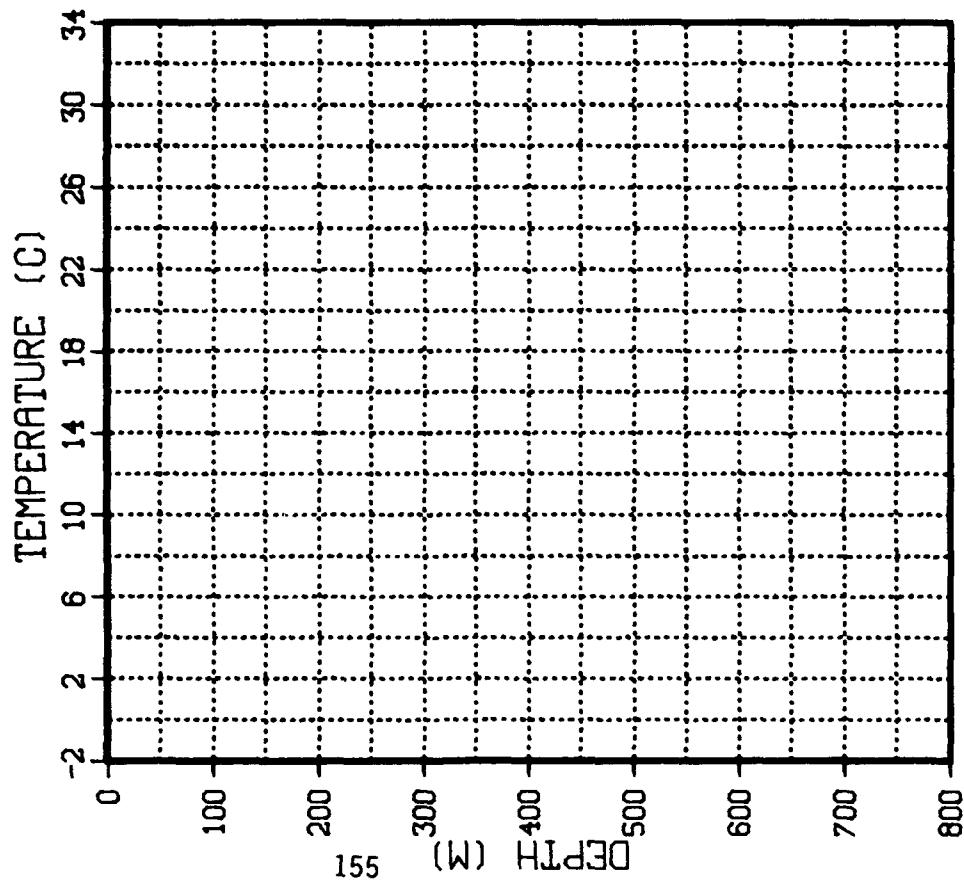


JAN, FEB, MAR

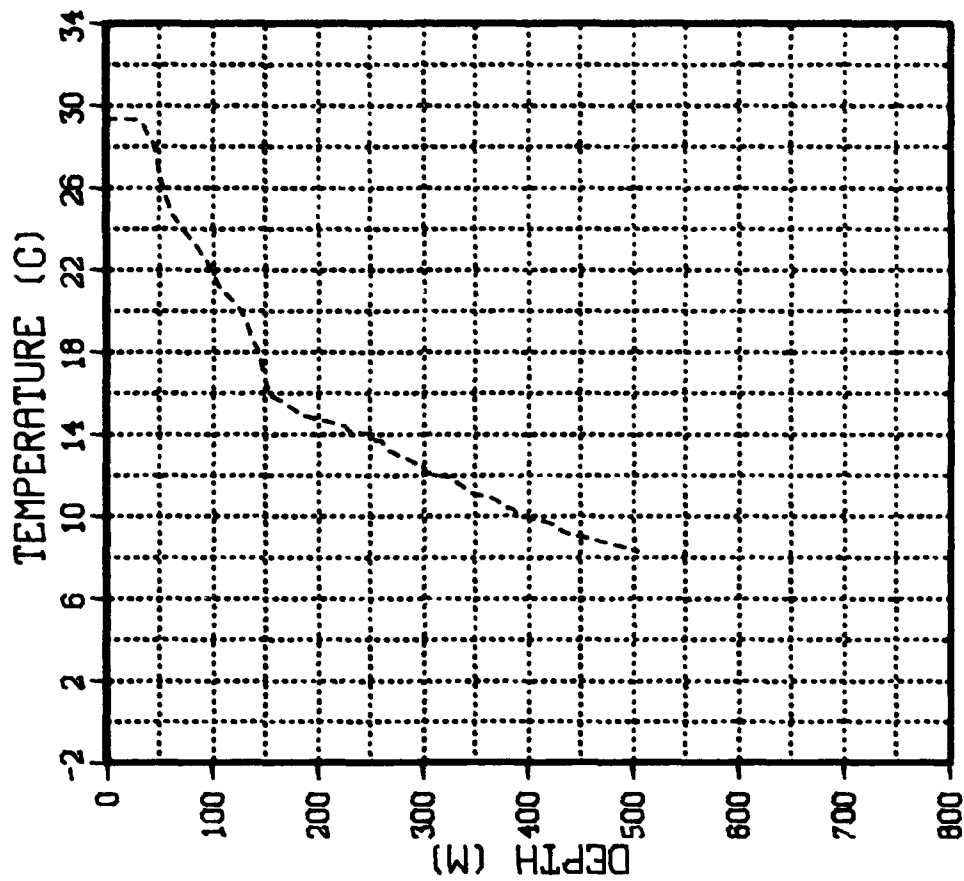


APR, MAY, JUN

BANDA COLD D10

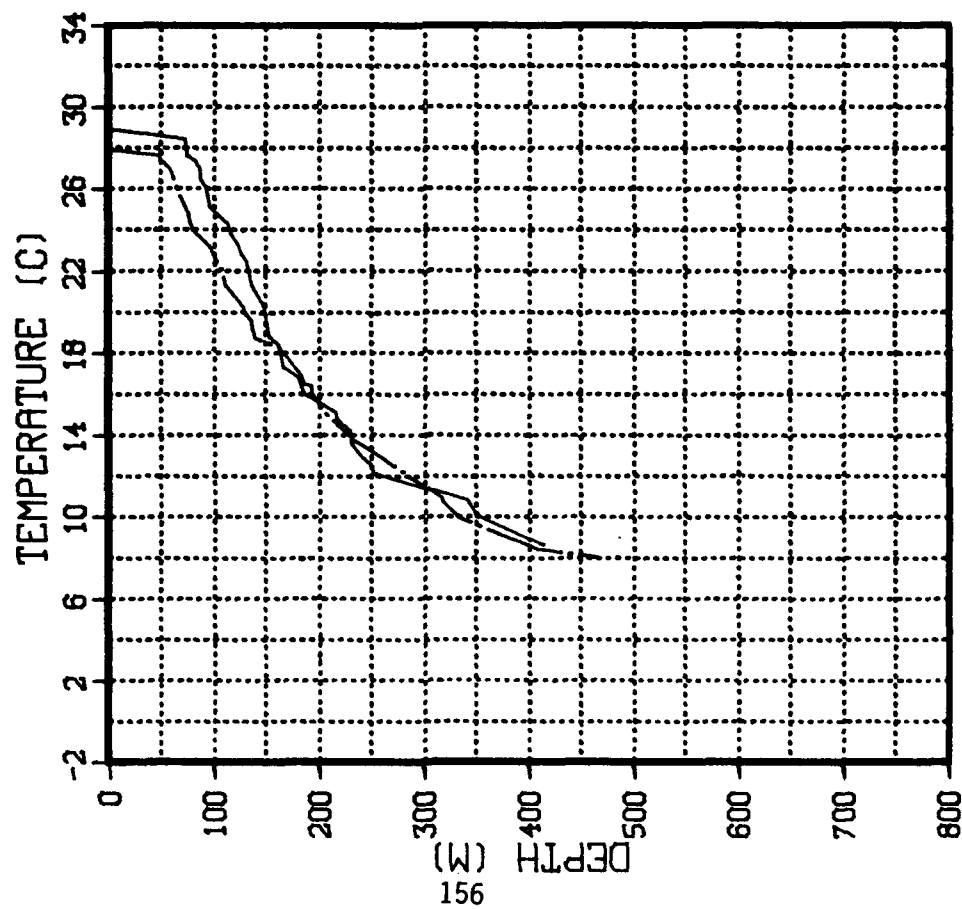


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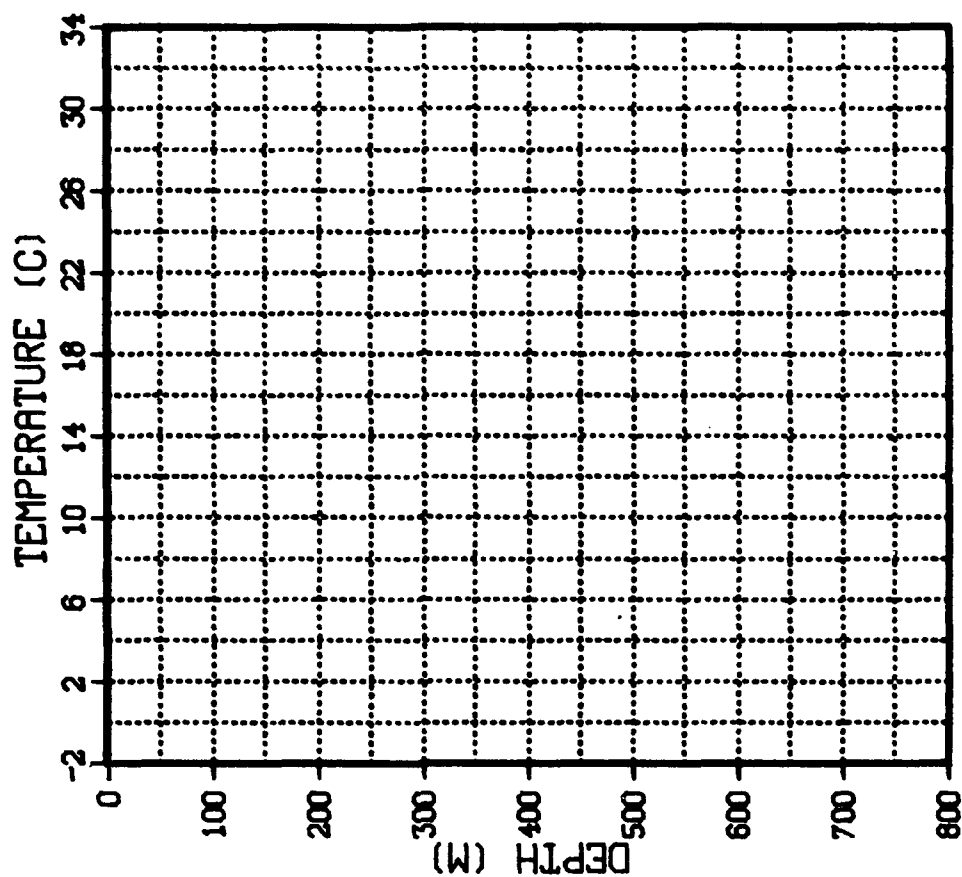


OCT, NOV, DEC

BANDA WARM D10

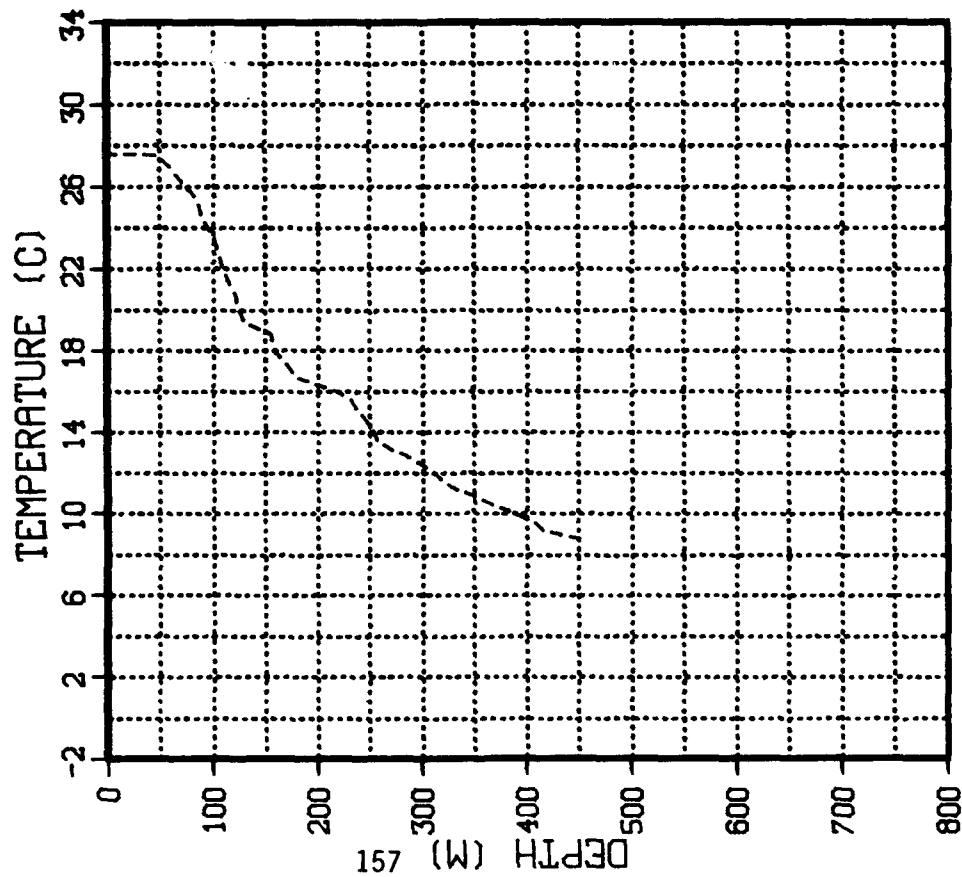


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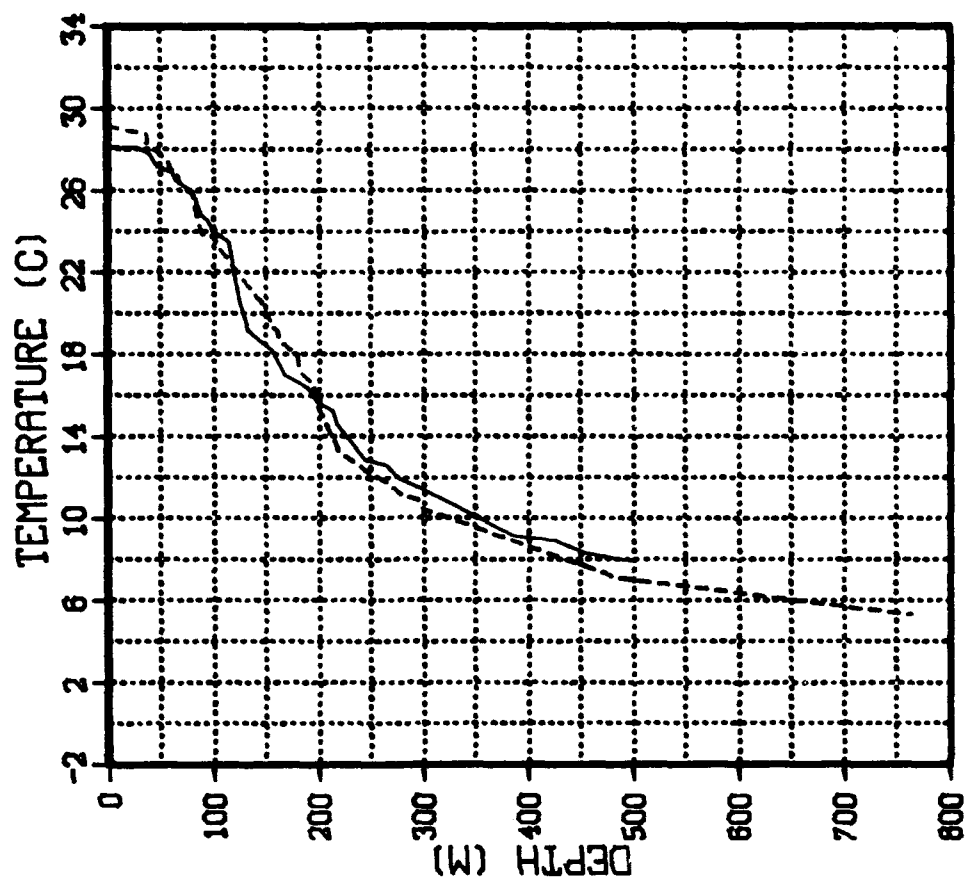


APR, MAY, JUN

BANDA WARM D10

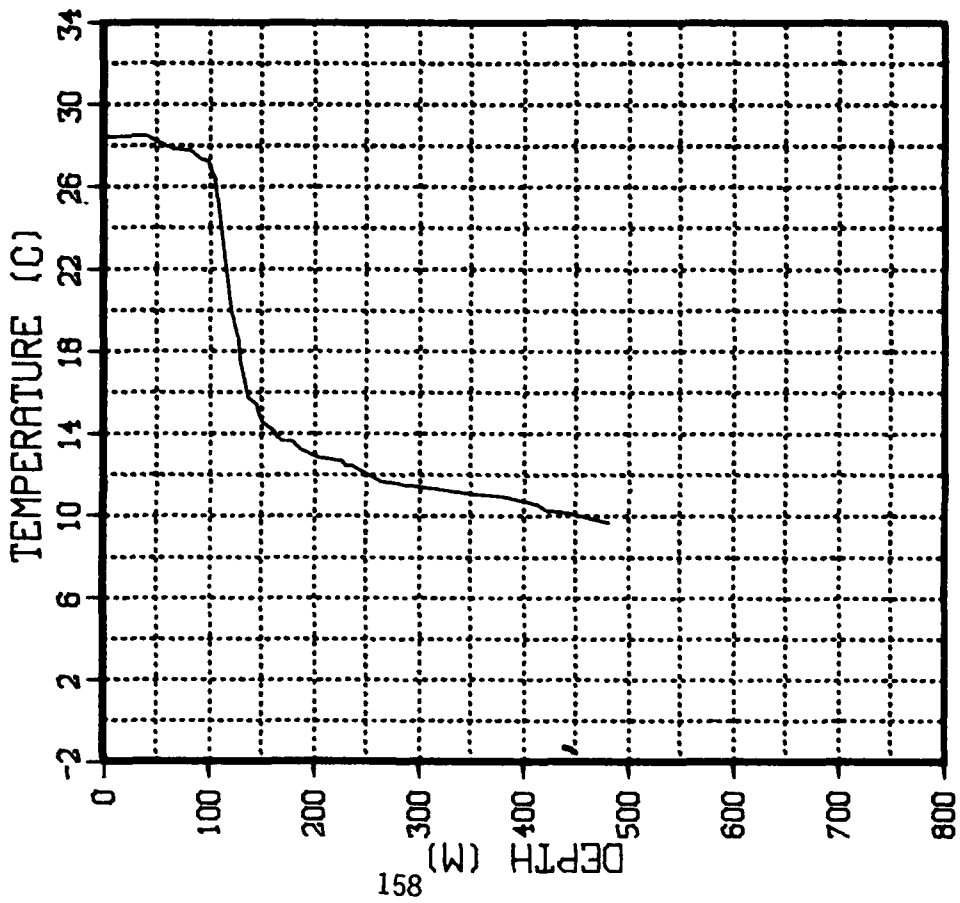


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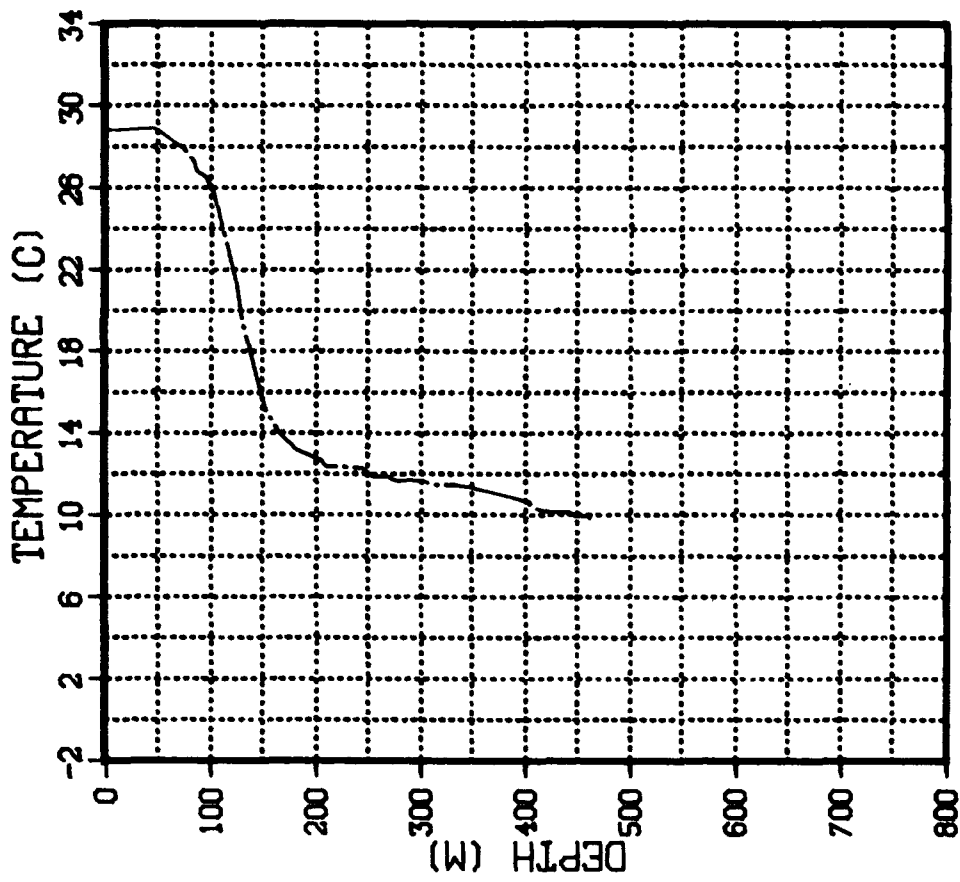


OCT, NOV, DEC

EAST INDIAN COLD D11

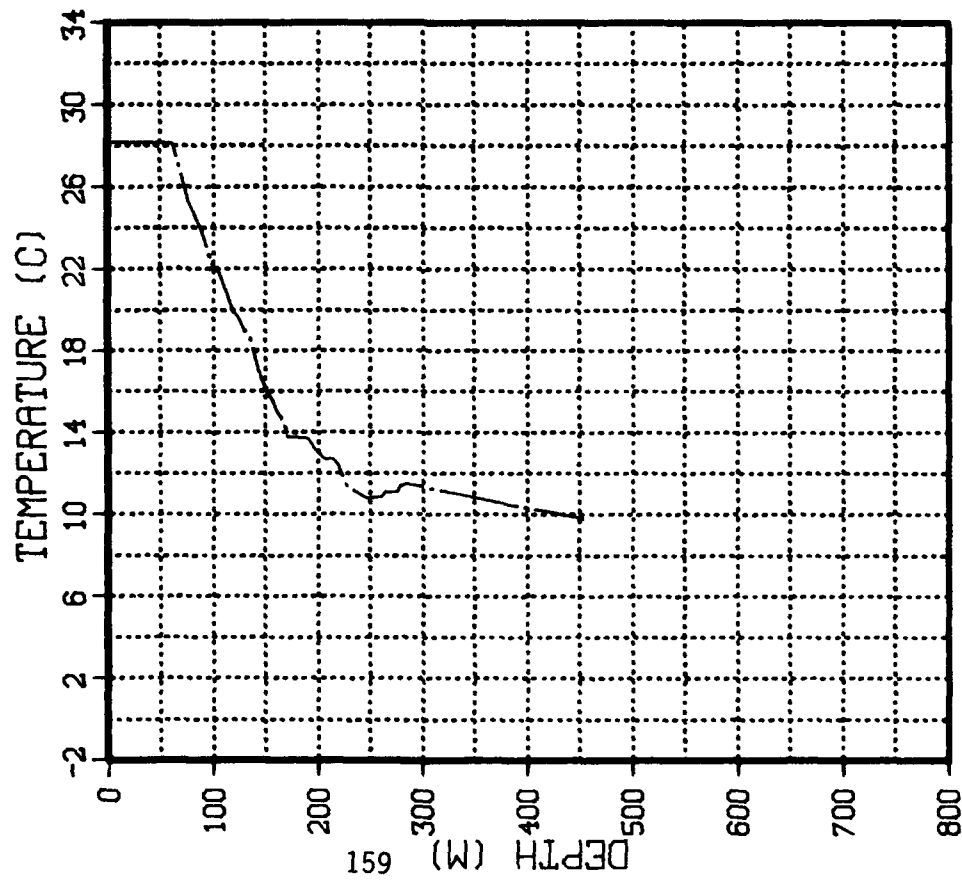


JAN, FEB, MAR

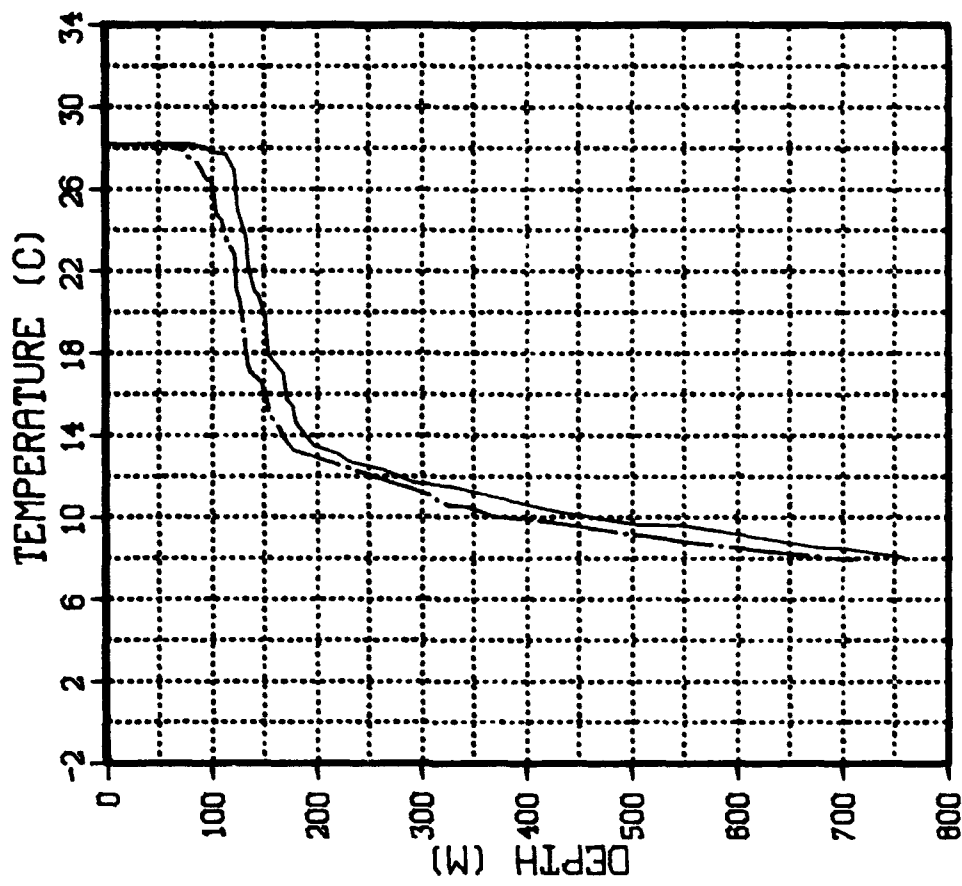


APR, MAY, JUN

EAST INDIAN COLD D11

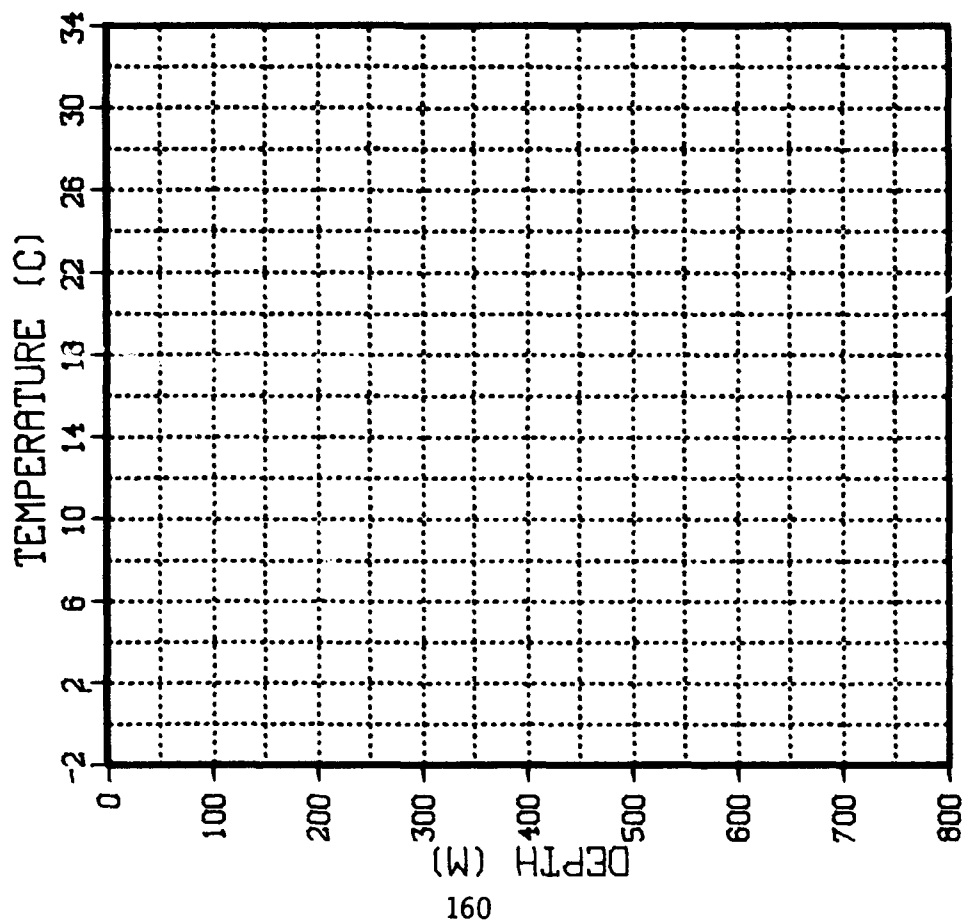


JUL, AUG, SEP

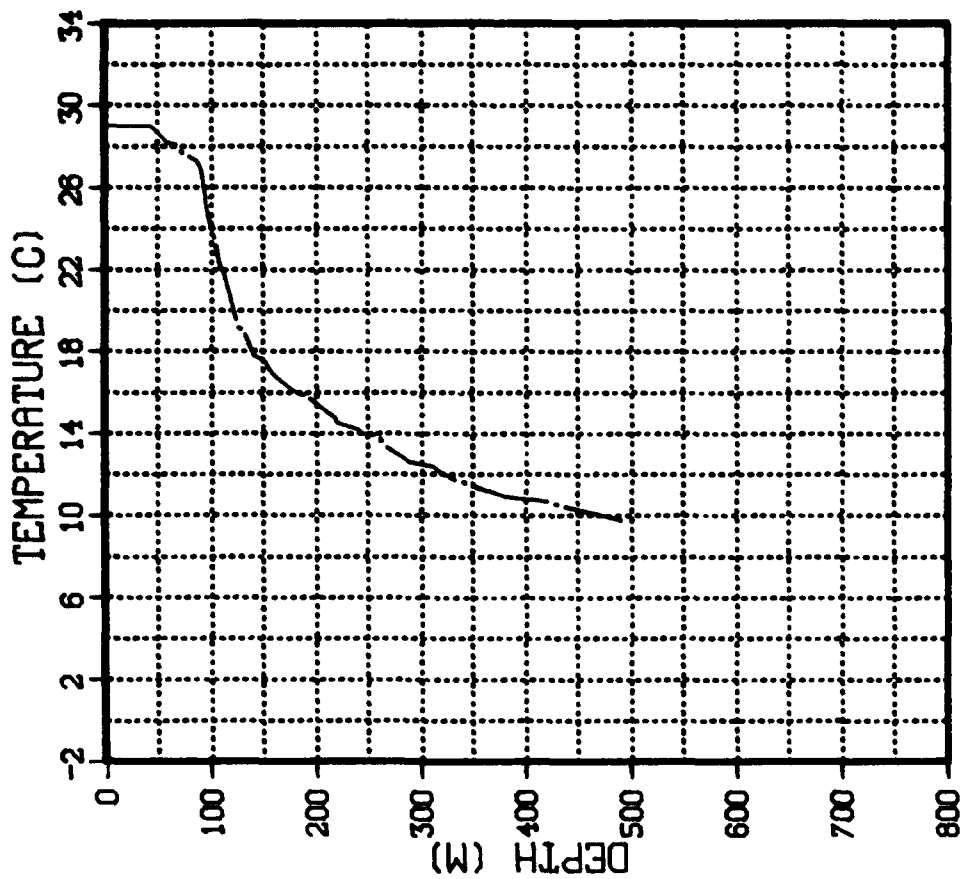


OCT, NOV, DEC

EAST INDIAN WARM D11

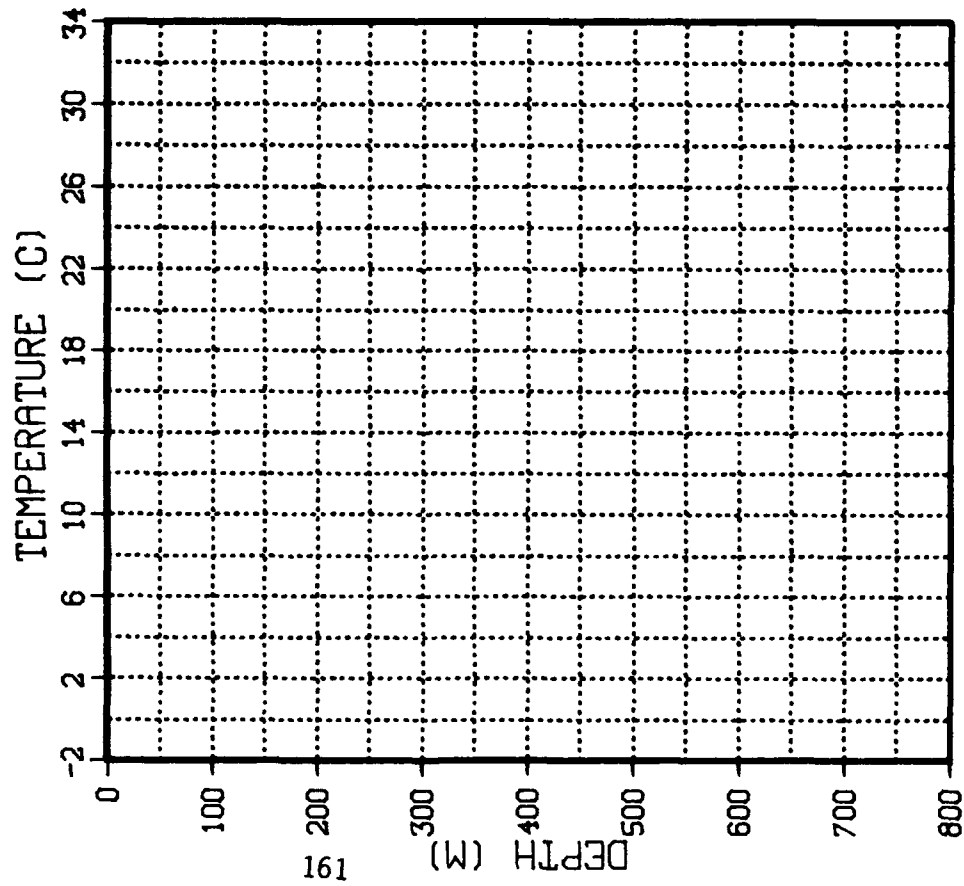


JAN, FEB, MAR

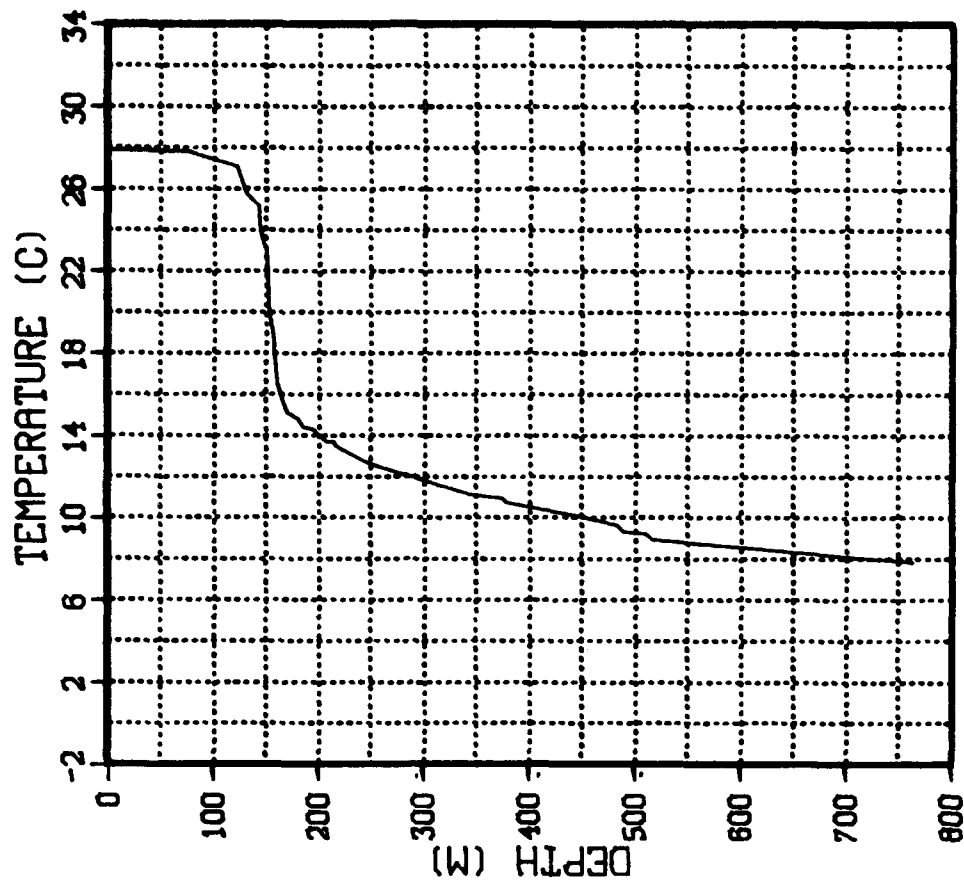


APR, MAY, JUN

EAST INDIAN WARM D11

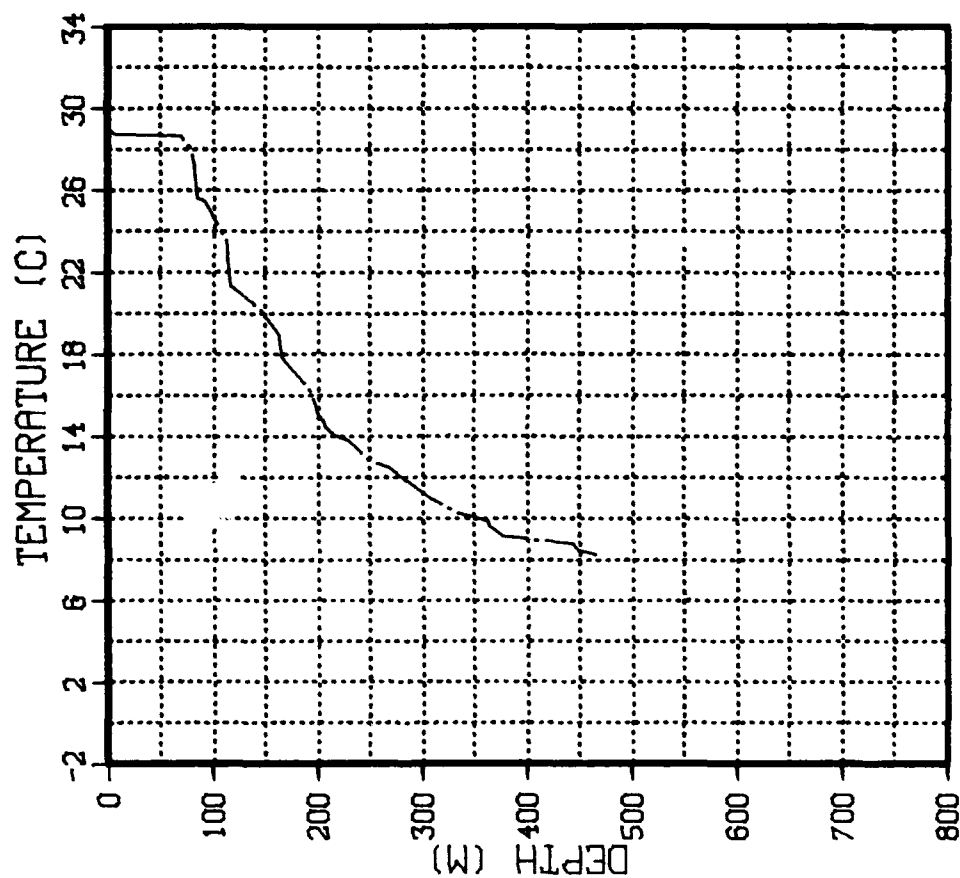


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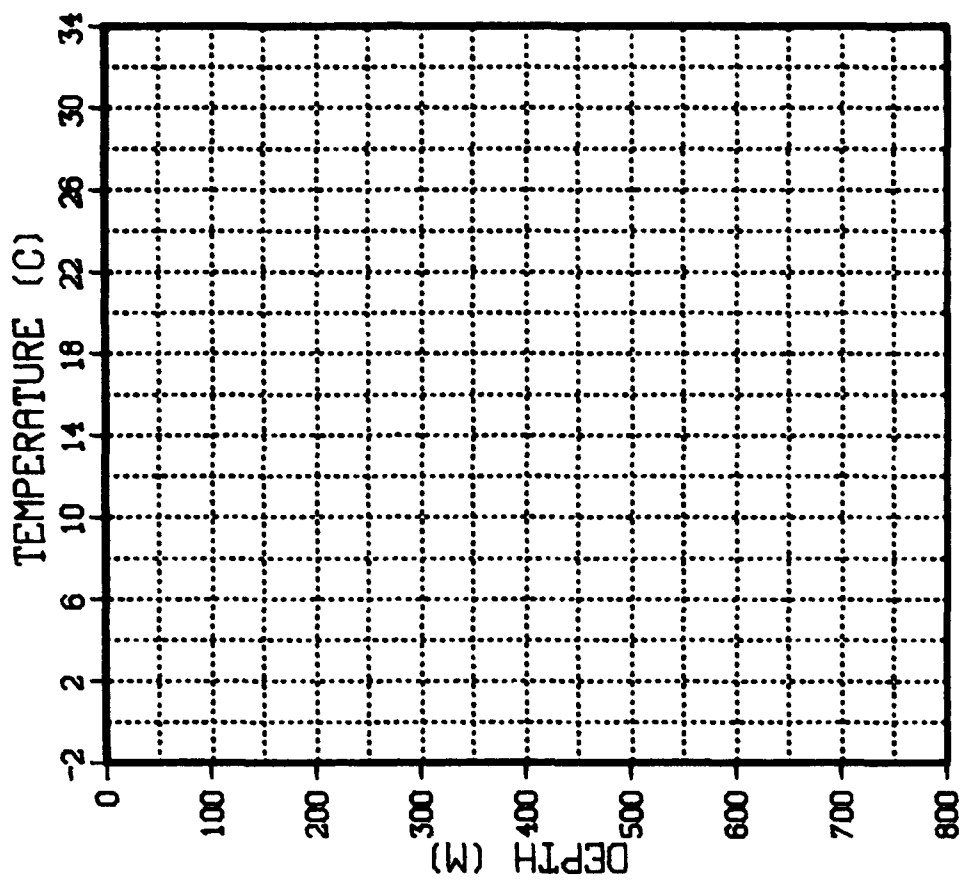


OCT, NOV, DEC

MOLUCCA D12

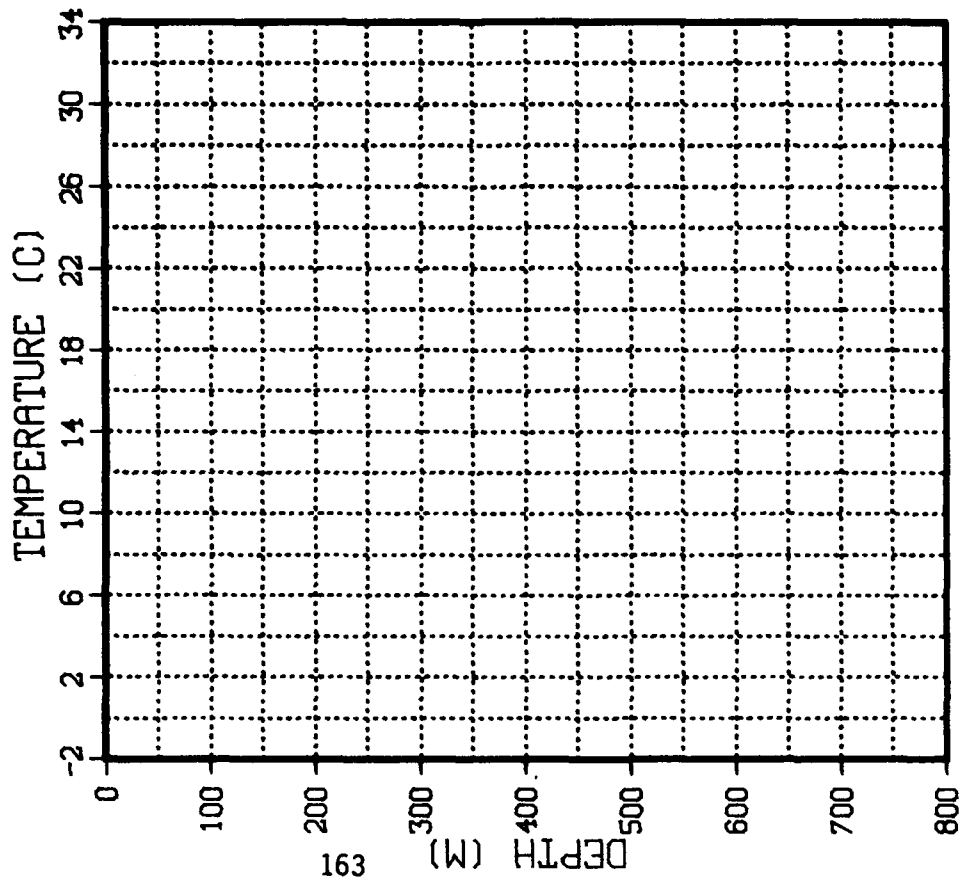


JAN, FEB, MAR

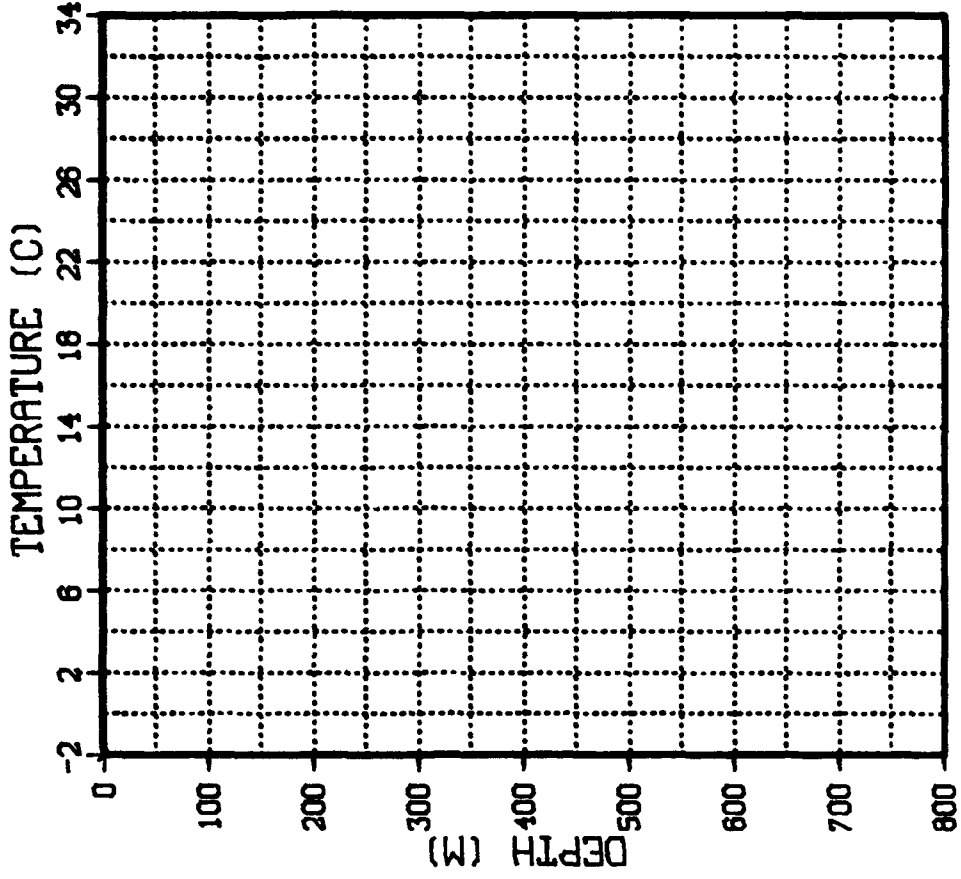


APR, MAY, JUN

MOLUCCA D12

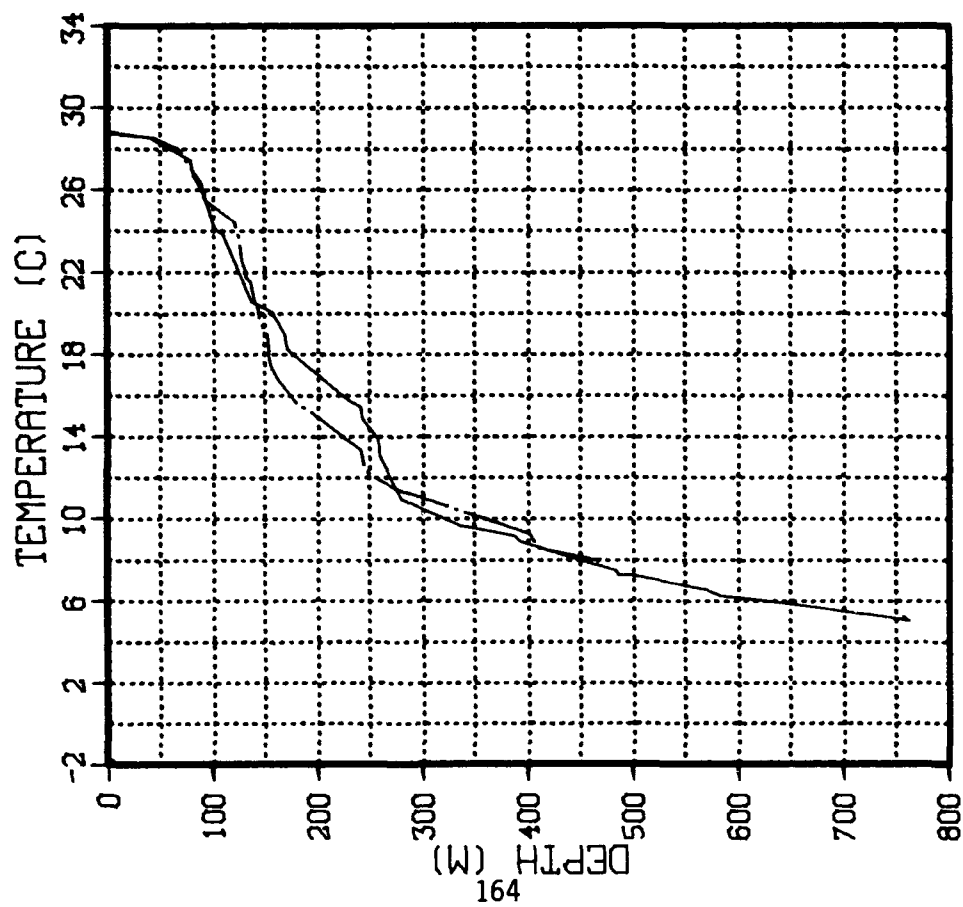


JUL, AUG, SEP

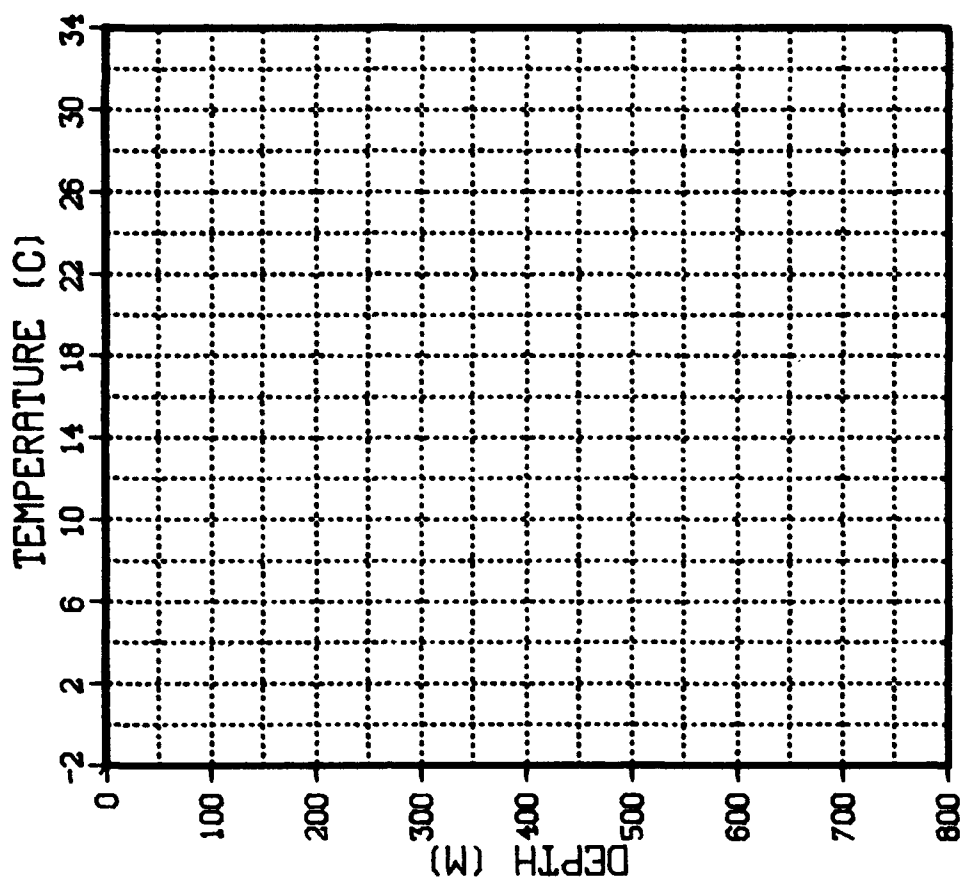


OCT, NOV, DEC

CERAM D13

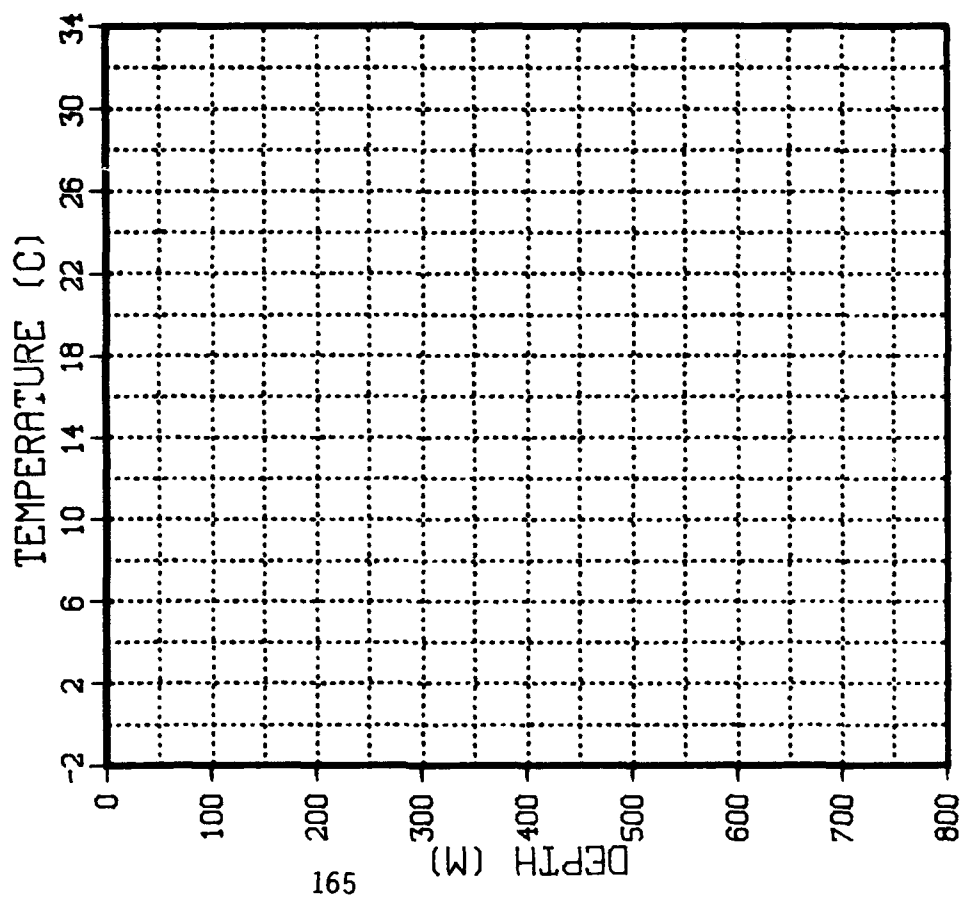


JAN, FEB, MAR

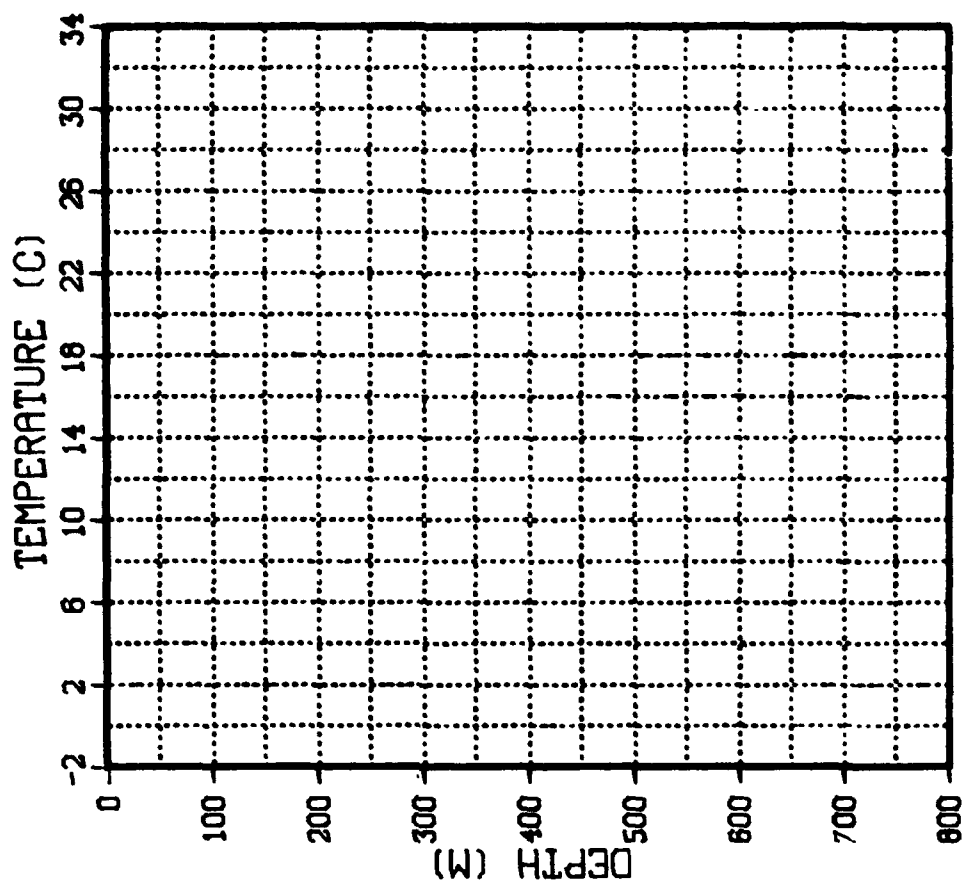


APR, MAY, JUN

CERAM D13



JUL, AUG, SEP



OCT, NOV, DEC

DATA IGNORED - IN CONTROL MODE

GXQT PF*REN.TXBATLAS
NAME THE OCEAN

INDIAN

OCEAN

TXBT PROFILES (DEPTH/TEMPERATURE PAIRS)

REGION - A 1
WATERMASS - RED SEA

```

***** MONTH 1 ***** (10 POINTS IN THE PROFILE) *****
0/24.8 5/24.7 64/24.7 83/24.0 125/24.1 126/24.0 127/23.8 151/22.8 190/22.0 458/21.7
***** MONTH 2 ***** (12 POINTS IN THE PROFILE) *****
0/25.3 72/25.3 82/25.2 95/24.3 99/24.2 105/23.5 108/23.3 122/23.0 132/22.6 204/22.0
298/21.9 458/21.8

***** MONTH 3 ***** (17 POINTS IN THE PROFILE) *****
0/26.3 27/26.1 33/26.2 43/26.2 46/25.8 51/25.6 53/25.3 62/25.0 65/25.1 74/25.1
95/24.6 99/24.2 113/23.7 125/23.0 140/22.7 193/22.1 457/21.8

***** MONTH 4 ***** (22 POINTS IN THE PROFILE) *****
0/27.5 3/27.5 4/27.1 15/27.0 27/26.6 41/25.8 47/25.8 51/25.6 54/25.2 64/24.6
68/24.6 72/24.4 74/24.1 91/23.6 97/23.5 103/23.2 137/22.8 145/22.5 178/22.1 254/21.9
456/21.9 457/21.9

***** MONTH 5 ***** ( 9 POINTS IN THE PROFILE) *****
0/28.0 20/27.3 31/26.4 62/24.7 89/24.0 111/23.0 149/22.3 216/21.9 458/21.8

***** MONTH 6 ***** (15 POINTS IN THE PROFILE) *****
0/29.2 4/29.2 37/28.6 38/28.3 39/28.1 40/27.8 46/27.4 47/27.2 48/26.9 50/26.5
107/23.4 117/23.0 143/22.2 200/21.9 455/21.7

***** MONTH 7 ***** (15 POINTS IN THE PROFILE) *****
0/30.1 19/29.9 41/29.4 51/28.7 53/28.1 55/27.3 56/26.6 60/26.3 79/25.4 88/24.9
97/24.0 118/23.1 146/22.2 235/21.8 454/21.7

***** MONTH 8 ***** (NO PROFILE AVAILABLE FOR THIS MONTH) *****
***** MONTH 9 ***** (22 POINTS IN THE PROFILE) *****
0/32.2 10/31.9 28/31.8 36/31.5 40/31.2 44/29.8 47/29.4 54/27.3 57/27.2 68/25.3
70/24.5 72/24.3 74/24.4 78/24.0 85/24.0 95/23.3 106/23.1 111/22.8 126/22.5 155/22.2
206/21.9 419/21.9

***** MONTH 10 ***** (16 POINTS IN THE PROFILE) *****
0/31.4 56/31.3 61/30.5 71/28.0 75/27.5 76/27.3 77/26.6 84/25.5 87/24.8 96/24.4
102/23.7 128/22.4 165/22.2 235/22.0 354/21.8 459/21.8

***** MONTH 11 ***** (NO PROFILE AVAILABLE FOR THIS MONTH) *****
***** MONTH 12 ***** (NO PROFILE AVAILABLE FOR THIS MONTH) *****

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TXBT PROFILES (DEPTH/TEMPERATURE PAIRS)

REGION - A 2

WATERMASS - YEMEN COOL

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TXBT PROFILES (DEPTH/TEMPERATURE PAIRS)

REGION - A 2
WATERMASS - YEMEN WARM

	MONTH 1				MONTH 2				MONTH 3				MONTH 4				MONTH 5				MONTH 6				MONTH 7				MONTH 8				MONTH 9				MONTH 10				MONTH 11				MONTH 12												
				(28 POINTS IN THE PROFILE)					(30 POINTS IN THE PROFILE)					(30 POINTS IN THE PROFILE)					(30 POINTS IN THE PROFILE)					(30 POINTS IN THE PROFILE)					(29 POINTS IN THE PROFILE)					(27 POINTS IN THE PROFILE)					(29 POINTS IN THE PROFILE)					(30 POINTS IN THE PROFILE)					(30 POINTS IN THE PROFILE)								
0/24.9	81/24.3	88/22.4	94/21.6	115/19.8	124/19.3	133/18.5	144/18.2	148/18.3	154/18.2	166/17.6	168/17.3	189/16.9	225/16.8	239/16.3	248/16.3	264/15.2	281/15.3	351/14.4	369/13.9	380/14.0	391/13.9	396/13.6	432/13.4	450/13.0	495/12.6	500/12.8	518/12.9	115/21.5	123/20.7	143/20.2	229/16.6	235/16.2	245/16.1	414/13.5	418/13.6	462/13.4	104/21.8	117/20.5	141/19.7	275/15.7	291/15.2	298/15.4	115/21.5	123/20.7	143/20.2	229/16.6	235/16.2	245/16.1	414/13.5	418/13.6	462/13.4	104/21.8	117/20.5	141/19.7	275/15.7	291/15.2	298/15.4
151/19.6	159/19.5	173/18.3	181/17.8	192/17.7	195/17.4	213/17.1	229/16.6	235/16.2	245/16.1	248/16.3	258/15.6	270/15.4	273/15.1	311/14.7	321/14.8	370/13.9	414/13.5	418/13.6	462/13.4	104/21.8	117/20.5	141/19.7	275/15.7	291/15.2	298/15.4	115/21.5	123/20.7	143/20.2	229/16.6	235/16.2	245/16.1	414/13.5	418/13.6	462/13.4	104/21.8	117/20.5	141/19.7	275/15.7	291/15.2	298/15.4	115/21.5	123/20.7	143/20.2	229/16.6	235/16.2	245/16.1	414/13.5	418/13.6	462/13.4	104/21.8	117/20.5	141/19.7	275/15.7	291/15.2	298/15.4		
303/15.4	311/15.1	334/14.6	338/14.3	345/14.0	390/13.4	464/12.7	46/24.1	56/23.9	75/22.6	95/22.8	100/22.5	106/22.5	113/21.8	119/21.6	121/21.2	134/21.0	139/20.3	153/19.8	160/19.2	164/19.2	178/17.6	185/17.4	197/16.8	251/15.5	253/15.2	276/14.6	288/14.6	306/14.3	312/14.0	336/14.0	361/13.4	384/13.4	428/13.2	457/13.0	52/23.9	57/23.9	61/23.7	222/16.6	232/16.6	237/16.2	355/13.7	428/13.2	457/13.0	52/23.9	57/23.9	61/23.7	222/16.6	232/16.6	237/16.2	355/13.7	428/13.2	457/13.0					
0/29.1	24/29.1	26/28.9	28/28.0	31/27.1	40/26.6	42/26.2	53/25.7	61/24.4	68/23.0	71/23.3	88/23.0	122/21.1	154/19.0	159/18.2	168/17.6	178/17.6	185/17.4	197/16.8	251/15.5	253/15.2	276/14.6	288/14.6	306/14.3	312/14.0	336/14.0	361/13.4	384/13.4	428/13.2	457/13.0	52/23.9	57/23.9	61/23.7	222/16.6	232/16.6	237/16.2	355/13.7	428/13.2	457/13.0	52/23.9	57/23.9	61/23.7	222/16.6	232/16.6	237/16.2	355/13.7	428/13.2	457/13.0										
0/27.9	30/27.9	34/27.6	38/26.3	40/24.8	44/24.3	51/24.1	52/23.9	57/23.9	61/23.7	94/22.8	98/22.2	117/21.2	136/19.8	139/19.3	166/18.1	169/17.1	197/16.4	204/16.4	212/16.2	223/16.1	249/15.6	283/15.2	293/15.0	309/14.5	324/14.3	401/13.3	434/13.0	484/12.7	50/24.3	64/23.8	73/23.2	143/17.2	164/16.8	237/15.1	50/24.3	64/23.8	73/23.2	143/17.2	164/16.8	237/15.1	50/24.3	64/23.8	73/23.2	143/17.2	164/16.8	237/15.1											
0/23.9	14/23.9	28/23.5	32/22.6	34/22.3	45/22.1	55/21.5	100/19.7	107/19.2	113/19.0	122/18.9	124/18.5	127/18.3	134/18.2	145/17.6	157/17.5	169/17.1	197/16.4	204/16.4	212/16.2	223/16.1	249/15.6	283/15.2	293/15.0	309/14.5	324/14.3	401/13.3	434/13.0	484/12.7	50/24.3	64/23.8	73/23.2	143/17.2	164/16.8	237/15.1	50/24.3	64/23.8	73/23.2	143/17.2	164/16.8	237/15.1	50/24.3	64/23.8	73/23.2	143/17.2	164/16.8	237/15.1											
0/24.5	5/24.5	13/23.5	17/23.3	23/22.7	27/20.5	39/19.4	52/19.0	61/18.5	76/18.0	97/17.8	111/17.2	149/16.1	156/16.1	163/15.9	191/16.3	197/16.3	226/15.7	233/15.8	262/14.9	267/14.5	292/14.0	349/13.3	359/12.9	394/12.8	412/12.3	428/12.2	433/12.4	470/12.3	54/24.1	61/23.3	65/22.3	146/17.7	160/17.1	168/17.1	380/13.1	386/12.9	426/12.8	54/24.1	61/23.3	65/22.3	146/17.7	160/17.1	168/17.1	380/13.1	386/12.9	426/12.8											
0/28.3	3/28.3	13/27.8	17/27.8	34/26.5	40/25.3	48/24.5	54/24.1	61/23.3	65/22.3	74/21.2	84/21.3	97/20.2	106/19.8	112/19.3	116/19.3	145/17.9	146/17.7	160/17.1	168/17.1	180/16.6	205/16.5	210/16.2	214/15.5	243/14.8	282/14.0	299/14.0	380/13.1	386/12.9	426/12.8	54/24.1	61/23.3	65/22.3	146/17.7	160/17.1	168/17.1	380/13.1	386/12.9	426/12.8	54/24.1	61/23.3	65/22.3	146/17.7	160/17.1	168/17.1	380/13.1	386/12.9	426/12.8										
0/26.9	34/27.1	35/26.9	36/26.0	39/25.3	57/23.4	62/22.5	66/22.1	67/21.8	69/21.5	78/21.1	94/20.5	93/20.0	101/19.9	109/19.5	114/19.7	125/19.1	130/18.7	150/18.2	161/17.6	212/16.4	283/15.0	298/14.4	317/14.0	341/13.7	401/13.5	456/13.0	474/13.0	66/22.1	67/21.8	69/21.5	130/18.7	150/18.2	161/17.6	66/22.1	67/21.8	69/21.5	130/18.7	150/18.2	161/17.6	66/22.1	67/21.8	69/21.5	130/18.7	150/18.2	161/17.6												
78/21.1	94/20.5	93/20.0	101/19.9	109/19.5	114/19.7	125/19.1	130/18.7	150/18.2	161/17.6	212/16.4	283/15.0	298/14.4	317/14.0	341/13.7	401/13.5	456/13.0	474/13.0	66/22.1	67/21.8	69/21.5	130/18.7	150/18.2	161/17.6	212/16.4	283/15.0	298/14.4	317/14.0	341/13.7	401/13.5	456/13.0	474/13.0	66/22.1	67/21.8	69/21.5	130/18.7	150/18.2	161/17.6	66/22.1	67/21.8	69/21.5	130/18.7	150/18.2	161/17.6														
0/25.8	41/25.8	45/25.0	48/22.7	49/22.5	54/22.3	77/20.6	86/20.4	97/19.7	109/19.1	126/18.6	144/18.5	151/17.8	173/17.6	197/16.9	208/16.9	215/16.5	249/15.8	285/15.6	294/15.3	320/15.1	331/14.6	347/14.6	367/14.2	374/13.8	394/13.5	401/13.5	456/13.0	474/13.0	66/22.1	67/21.8	69/21.5	130/18.7	150/18.2	161/17.6	66/22.1	67/21.8	69/21.5	130/18.7	150/18.2	161/17.6	66/22.1	67/21.8	69/21.5	130/18.7	150/18.2	161/17.6											
126/18.6	144/18.5	151/17.8	173/17.6	197/16.9	208/16.9	215/16.5	249/15.8	285/15.6	294/15.3	320/15.1	331/14.6	347/14.6	367/14.2	374/13.8	394/13.5	401/13.5	456/13.0	474/13.0	66/22.1	67/21.8	69/21.5	130/18.7	150/18.2	161/17.6	212/16.4	283/15.0	298/14.4	317/14.0	341/13.7	401/13.5	456/13.0	474/13.0	66/22.1	67/21.8	69/21.5	130/18.7	150/18.2	161/17.6	66/22.1	67/21.8	69/21.5	130/18.7	150/18.2	161/17.6													
320/15.1	331/14.6	347/14.6	367/14.2	374/13.8	394/13.5	401/13.5	456/13.0	474/13.0	66/22.1	67/21.8	69/21.5	130/18.7	150/18.2	161/17.6	212/16.4	283/15.0	298/14.4	317/14.0	341/13.7	401/13.5	456/13.0	474/13.0	66/22.1	67/21.8	69/21.5	130/18.7	150/18.2	161/17.6	212/16.4	283/15.0	298/14.4	317/14.0	341/13.7	401/13.5	456/13.0	474/13.0	66/22.1	67/21.8	69/21.5	130/18.7	150/18.2	161/17.6	66/22.1	67/21.8	69/21.5	130/18.7	150/18.2	161/17.6									

TXBT PROFILES (DEPTH/TEMPERATURE PAIRS)

REGION - A 3
WATERMASS - ARABIAN

		MONTH 1		(30 POINTS IN THE PROFILE)		MONTH 2		(29 POINTS IN THE PROFILE)		MONTH 3		(30 POINTS IN THE PROFILE)		MONTH 4		MONTH 5		MONTH 6		MONTH 7		MONTH 8		MONTH 9		MONTH 10		MONTH 11		MONTH 12	
0/25.1	25/25.1	44/25.0	66/25.0	77/24.8	78/22.7	81/22.2	81/22.2	97/21.5	104/21.4	129/20.2																					
146/19.0	153/18.7	158/18.0	152/17.8	186/17.1	192/16.7	212/16.5	212/16.5	216/16.3	220/15.9	230/15.4																					
249/14.9	267/14.8	270/14.5	277/14.7	285/14.6	312/13.9	329/13.8	329/13.8	367/13.2	405/12.8	496/12.2																					
0/25.4	74/25.2	80/24.8	91/23.1	103/22.0	110/21.6	113/21.2	113/21.2	123/20.4	128/20.2	132/20.3																					
135/20.2	139/19.3	142/19.1	151/18.9	156/18.6	160/18.0	184/17.1	184/17.1	194/16.9	203/16.4	233/16.1																					
238/15.8	280/14.7	296/14.5	346/13.7	356/13.5	371/13.5	381/13.3	381/13.3	408/13.2	508/12.2																						
0/26.3	4/26.3	26/25.2	32/24.2	38/24.0	50/23.9	78/23.9	78/23.9	88/23.7	97/22.3	98/22.2																					
106/22.2	133/20.9	140/20.8	160/19.9	174/18.7	200/17.6	222/16.9	222/16.9	244/16.7	257/16.5	279/15.6																					
300/15.3	336/14.6	351/14.4	371/14.0	380/14.0	419/13.3	434/13.2	434/13.2	442/13.0	481/12.7	498/12.4																					
0/27.5	5/27.5	13/27.2	16/26.1	21/25.4	23/25.4	25/24.9	25/24.9	29/24.9	31/24.6	45/24.2																					
52/23.7	58/23.6	63/23.0	66/22.9	82/23.2	87/22.9	92/21.7	92/21.7	105/21.8	109/21.3	119/21.0																					
132/19.9	149/19.1	195/17.3	200/15.4	317/15.4	323/15.6	362/14.9	362/14.9	405/14.3	415/14.1	457/13.7																					
0/29.4	25/29.4	45/28.2	47/27.9	78/26.6	92/25.0	98/24.8	98/24.8	101/23.9	105/23.7	108/22.8																					
112/22.6	113/22.2	117/22.0	120/21.4	123/21.2	124/20.9	141/19.8	141/19.8	146/19.8	152/19.3	153/19.0																					
173/17.7	184/17.4	185/17.2	215/16.6	230/16.0	231/15.8	244/15.5	244/15.5	251/15.5	441/12.5	457/12.5																					
0/30.1	30/29.9	35/29.4	37/28.7	38/28.0	47/27.3	52/26.6	52/26.6	54/26.0	59/25.6	62/25.0																					
83/23.7	111/22.3	119/21.5	126/19.8	132/19.4	137/18.5	139/17.8	139/17.8	145/17.1	152/16.9	158/16.4																					
189/15.5	209/14.6	240/13.8	288/13.2	298/13.0	350/12.3	407/12.0	407/12.0	446/11.6	457/11.7																						
0/27.9	63/27.9	65/25.5	66/25.1	78/24.6	82/24.0	95/23.7	95/23.7	100/23.2	102/23.2	105/22.8																					
108/22.7	109/22.4	137/20.1	142/20.1	146/19.8	149/19.1	155/18.9	155/18.9	160/18.1	176/17.3	181/17.3																					
189/16.7	220/15.5	294/14.2	306/14.2	318/14.0	326/13.7	355/13.4	355/13.4	457/12.7																							
0/25.8	56/25.3	61/25.2	62/24.2	63/23.8	65/23.3	75/23.0	75/23.0	79/22.6	99/22.2	112/21.7																					
125/20.8	126/20.4	137/20.1	159/19.5	147/19.3	149/19.0	165/18.6	165/18.6	175/17.9	179/17.8	180/17.5																					
211/16.9	239/15.9	260/15.9	283/15.9	328/14.6	363/13.8	405/13.5	405/13.5	425/12.9	476/12.4																						
0/26.2	45/26.2	60/26.1	63/26.0	68/23.8	71/23.3	76/23.1	76/23.1	80/23.1	94/22.7	99/22.4																					
104/22.3	116/21.6	139/19.2	148/19.1	175/17.6	188/17.4	195/16.9	195/16.9	199/16.8	206/16.8	215/16.1																					
244/15.6	292/14.5	328/14.4	356/14.0	383/13.4	412/13.2	437/12.9	437/12.9	453/12.8	462/12.6	515/12.3																					
0/28.2	20/28.1	24/27.8	36/27.6	45/27.2	51/26.7	56/26.1	56/26.1	65/23.8	69/23.3	83/22.6																					
122/21.0	125/20.3	134/19.5	142/19.1	150/18.2	169/17.2	174/17.2	174/17.2	178/16.9	234/15.3	241/15.3																					
276/14.5	281/14.3	287/14.3	293/13.9	330/13.4	374/13.0	378/12.8	378/12.8	383/12.8	387/12.6	468/12.0																					
0/26.8	42/26.8	45/25.7	46/25.5	68/24.7	77/23.6	91/22.6	91/22.6	99/21.7	107/21.8	120/20.9																					
127/20.9	142/19.8	153/19.5	160/18.9	174/18.0	202/17.1	224/16.6	224/16.6	227/16.4	240/16.5	280/15.2																					
295/15.0	310/14.4	327/14.1	355/13.7	353/13.5	361/13.2	377/13.2	377/13.2	445/12.6	461/12.3	478/12.3																					
0/26.3	47/26.4	51/26.2	56/25.5	67/25.1	70/24.2	73/23.4	73/23.4	86/22.3	95/22.1	101/21.2																					
107/21.0	116/19.9	128/19.4	168/17.8	190/17.3	210/16.6	217/16.3	217/16.3	221/16.4	233/16.3	237/16.1																					
274/15.5	284/15.0	302/14.6	319/13.9	374/13.0	455/12.5	461/12.3	461/12.3	504/12.2																							

TX9T PROFILES (DEPTH/TEMPERATURE PAIRS)

REGION - A 4
WATERMASS - N INDIAN COLD

	MONTH 1	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 2	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 3	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 4	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 5	(23 POINTS IN THE PROFILE)	MONTH 6	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 7	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 8	(28 POINTS IN THE PROFILE)	MONTH 9	(28 POINTS IN THE PROFILE)	MONTH 10	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 11	(29 POINTS IN THE PROFILE)	MONTH 12	(NO PROFILE AVAILABLE FOR THIS MONTH)
0/29.1	24/29.0	29/28.9	34/28.3	39/28.1	52/26.6	54/26.6	59/26.0	75/22.6	92/20.4															
111/18.6	140/17.0	151/16.0	156/15.8	161/15.3	170/14.8	188/14.0	199/13.4	221/12.5	259/11.7															
297/11.2	373/10.6	479/ 9.8																						
0/28.9	23/28.3	34/28.0	42/27.4	51/27.3	55/27.0	59/26.3	67/25.9	70/25.6	78/23.0															
88/22.0	95/21.5	100/20.6	115/19.1	121/18.7	122/18.4	135/17.7	149/16.3	155/15.9	160/15.7															
161/15.5	168/15.1	179/15.0	183/14.8	189/14.2	201/13.9	220/13.2	457/10.4																	
0/29.4	11/29.4	20/29.0	29/28.7	44/28.6	53/28.4	58/27.9	63/27.8	69/27.2	81/25.0															
84/24.8	96/23.1	110/21.8	123/21.0	140/19.2	145/18.9	151/18.0	179/15.4	199/14.2	223/13.2															
238/12.7	260/12.2	303/11.5	318/11.4	335/11.1	367/10.8	397/10.7	423/10.4	467/10.2	504/ 9.8															
0/29.5	8/29.5	14/29.3	19/28.8	25/28.7	41/28.8	51/28.7	65/28.4	71/28.2	79/27.3															
83/27.1	89/26.4	105/23.4	110/23.1	124/20.0	145/18.4	152/18.0	160/17.3	171/15.6	179/14.9															
202/13.6	215/13.2	247/12.5	272/12.1	285/11.8	326/11.4	378/10.7	441/10.4	493/ 9.9																

REGION -- A 4
WATERPASS -- N INDIAN WARM

173

REGION - A 5
WATERMASS - GULF OF OMAN

174

REGION - A 6
WATERMASS - PAKISTANI

***** MONTH 1 ***** (29 POINTS IN THE PROFILE) *****									
0/23.8	53/23.8	56/23.7	62/22.3	68/21.7	73/21.5	84/20.7	88/20.6	93/20.1	100/20.2
104/20.1	107/19.7	122/19.2	133/19.1	137/18.8	145/18.5	165/18.5	172/18.0	174/18.0	176/18.3
180/18.0	189/17.6	224/17.0	232/16.7	268/16.6	280/16.2	326/15.2	437/13.5	504/12.8	
***** MONTH 2 ***** (23 POINTS IN THE PROFILE) *****									
0/23.9	69/23.6	83/23.0	94/22.9	96/22.7	110/22.6	124/21.9	144/21.2	157/21.2	171/20.6
176/20.0	187/19.8	196/19.1	245/18.0	325/16.7	341/16.6	346/16.2	361/15.9	373/15.8	376/15.6
399/15.3	425/14.5	457/14.0							
***** MONTH 3 ***** (29 POINTS IN THE PROFILE) *****									
0/25.1	9/24.8	43/23.8	56/23.6	64/23.7	87/23.5	92/22.9	96/22.7	110/22.8	124/22.5
148/20.4	155/20.3	159/20.0	169/19.9	183/19.4	194/18.4	207/17.9	223/17.1	231/17.1	244/16.8
268/16.8	278/16.6	299/16.6	344/15.5	384/15.2	393/14.7	409/14.3	423/14.3	460/13.8	
***** MONTH 4 ***** (30 POINTS IN THE PROFILE) *****									
0/26.3	5/26.3	8/26.0	27/25.8	32/24.5	46/23.5	62/22.8	102/22.4	112/22.0	123/22.0
130/21.3	145/20.3	162/19.9	174/19.9	197/19.5	207/18.8	214/18.8	222/18.4	227/17.7	259/16.7
312/16.8	382/15.0	385/15.5	393/15.6	407/14.4	417/14.6	420/14.3	424/14.4	451/13.6	492/13.4
***** MONTH 5 ***** (29 POINTS IN THE PROFILE) *****									
0/29.2	23/29.2	28/25.9	30/25.3	35/24.6	40/24.2	55/23.5	81/22.7	94/22.5	99/21.9
108/21.3	117/21.2	129/20.5	139/20.2	153/20.0	167/19.0	173/18.7	199/18.2	210/18.2	240/17.6
224/17.2	289/16.2	303/15.6	329/15.2	341/15.2	412/13.9	439/13.8	448/13.5	468/13.3	
***** MONTH 6 ***** (29 POINTS IN THE PROFILE) *****									
0/29.7	28/29.7	31/29.5	39/24.2	43/23.0	77/22.2	113/21.7	151/20.4	157/20.4	163/19.9
174/19.4	186/18.5	200/18.3	217/17.8	224/17.8	238/17.4	250/17.4	268/17.1	299/16.2	311/16.1
327/15.3	346/15.0	354/15.1	372/14.6	424/13.7	440/13.8	448/13.6	475/13.2	503/12.9	
***** MONTH 7 ***** (30 POINTS IN THE PROFILE) *****									
0/28.1	28/27.9	30/27.6	31/27.2	32/26.3	33/24.0	46/23.3	52/23.1	78/22.7	101/22.0
106/21.6	108/21.3	142/19.1	163/18.3	166/18.0	168/17.9	180/17.8	209/17.0	210/16.8	218/16.5
221/16.2	241/15.9	256/15.2	266/15.0	295/14.6	352/14.1	380/13.7	419/13.4	433/13.2	460/13.1
***** MONTH 8 ***** (30 POINTS IN THE PROFILE) *****									
0/28.7	19/28.7	22/28.4	25/26.2	37/23.5	39/23.2	44/22.9	70/22.9	75/22.6	85/21.8
110/20.6	117/20.5	125/19.7	155/18.8	174/18.1	206/17.5	217/16.9	236/16.4	250/16.3	268/15.8
276/15.7	283/15.4	322/14.9	349/14.3	373/14.0	387/14.0	401/13.6	422/13.5	462/13.0	483/13.0
***** MONTH 9 ***** (30 POINTS IN THE PROFILE) *****									
0/28.4	11/28.4	16/28.2	18/27.9	23/25.6	28/24.6	34/23.9	42/23.4	46/23.5	51/22.5
56/22.2	61/21.4	71/20.8	88/20.2	95/19.7	117/18.9	177/17.4	194/17.4	207/16.9	245/17.1
256/16.9	267/16.2	334/14.8	369/14.7	365/14.3	374/14.3	383/14.0	451/13.0	476/12.8	499/12.4
***** MONTH 10 ***** (29 POINTS IN THE PROFILE) *****									
0/27.9	20/27.8	23/27.4	28/27.1	29/26.8	34/26.6	36/25.9	41/25.6	43/24.6	46/24.3
48/23.7	52/23.2	56/23.0	59/22.5	67/22.4	94/21.6	107/19.8	124/19.7	132/19.3	133/19.1
216/16.7	242/16.2	252/15.9	257/15.6	358/13.8	366/13.8	417/13.2	421/13.0	451/12.8	

LAST WATER MASS FOUND FOR THIS AREA

REGION - B 1
WATERMASS - NW SOMALI COOL

176

REGION - B 1
WATERMANS - NW SOMALI WARM

17

REGION - B 3
WATERMANS - ARABIAN

179

REGION - R 4
WATERMASS - MID INDIAN COLD

180

TXBT PROFILES (DEPTH/TEMPERATURE PAIRS)

REGION - 9 4
WATERPASS - MID-INDIAN WARM

MONTH 1 (30 POINTS IN THE PROFILE)									
0/27.6	44/27.5	53/27.7	67/27.6	87/26.9	99/24.9	105/24.2	110/23.9	114/22.8	121/21.8
125/21.5	131/20.6	140/19.8	152/17.9	160/17.7	164/17.4	167/16.6	179/16.1	186/15.6	194/15.2
220/14.4	230/13.7	252/13.1	258/12.4	275/12.2	314/11.9	352/11.4	443/10.6	483/10.4	498/10.2
MONTH 2 (NO PROFILE AVAILABLE FOR THIS MONTH)									
MONTH 3 (30 POINTS IN THE PROFILE)									
0/29.4	16/29.9	60/29.8	65/29.6	70/28.8	73/27.1	74/26.8	75/24.2	82/23.6	85/22.7
88/22.1	93/21.7	99/21.6	101/21.3	103/20.5	104/20.4	105/20.0	106/19.2	155/16.8	182/16.1
183/15.8	189/15.5	221/14.6	227/14.2	246/13.6	297/12.8	354/12.6	414/12.1	436/11.8	466/11.5
MONTH 4 (23 POINTS IN THE PROFILE)									
0/30.5	35/30.3	44/29.9	50/29.4	55/29.3	59/28.4	74/27.6	92/25.4	105/24.5	108/21.4
112/19.5	131/17.9	153/16.7	172/16.1	191/15.3	197/15.5	203/15.1	222/14.2	286/13.1	322/12.1
349/11.8	369/11.4	457/10.8							
MONTH 5 (NO PROFILE AVAILABLE FOR THIS MONTH)									
MONTH 6 (30 POINTS IN THE PROFILE)									
0/29.2	56/28.9	82/28.9	89/28.7	93/28.4	97/25.8	99/24.9	106/23.9	118/23.4	125/22.8
139/20.7	147/19.7	152/19.4	160/19.3	167/19.0	191/16.0	200/15.3	224/13.9	232/13.6	239/13.6
245/12.3	275/12.5	334/11.6	347/11.5	378/11.0	395/11.0	407/10.8	425/10.7	470/10.2	495/10.2
MONTH 7 (30 POINTS IN THE PROFILE)									
0/28.3	70/28.3	75/27.5	79/27.3	81/26.2	86/25.6	92/22.0	96/20.3	99/19.9	104/19.6
122/17.0	125/16.7	134/16.6	148/16.1	155/16.0	164/15.5	178/15.3	181/15.1	189/14.9	197/14.9
219/14.2	222/13.7	234/13.3	240/12.9	260/12.6	269/12.3	300/11.7	342/11.3	387/10.7	461/10.3
MONTH 8 (29 POINTS IN THE PROFILE)									
0/28.2	43/28.1	62/27.9	68/27.6	75/27.5	93/26.4	86/25.7	90/25.7	105/21.3	110/21.1
114/20.0	123/18.9	130/17.4	136/17.1	141/16.5	164/15.4	178/15.2	182/15.0	197/14.8	206/14.1
220/13.7	227/13.1	236/12.9	248/12.9	313/11.7	333/11.6	407/10.9	480/10.4	488/10.2	
MONTH 9 (30 POINTS IN THE PROFILE)									
0/28.0	58/27.9	64/27.5	71/26.2	79/25.1	88/24.6	95/23.5	110/22.5	115/21.2	124/20.4
129/20.2	146/18.4	151/17.6	156/16.6	172/15.9	180/15.4	191/15.1	204/14.4	212/13.8	240/13.0
247/13.0	257/12.7	285/12.3	299/12.3	335/11.5	400/11.0	412/10.8	433/10.7	466/10.2	529/10.0
MONTH 10 (30 POINTS IN THE PROFILE)									
0/27.5	80/27.6	98/27.5	102/27.3	114/25.6	125/23.2	130/23.0	136/22.4	148/19.6	153/18.8
164/18.0	173/17.0	179/16.8	185/15.9	193/15.3	197/14.9	219/13.2	229/13.0	241/12.5	249/12.5
276/11.9	297/11.7	302/11.5	311/11.5	323/11.2	394/10.7	415/10.4	461/10.0	478/10.0	483/9.9
MONTH 11 (30 POINTS IN THE PROFILE)									
0/28.4	105/27.1	113/26.7	118/26.0	119/25.4	121/25.0	122/24.0	132/22.4	133/22.1	140/21.7
144/21.1	145/20.8	151/20.1	156/19.8	165/19.2	167/17.7	173/17.4	176/17.0	184/16.4	189/15.8
190/15.5	198/15.1	207/14.4	214/14.1	223/13.9	231/13.3	222/12.0	430/11.0	458/10.7	459/10.6
MONTH 12 (26 POINTS IN THE PROFILE)									
0/28.2	45/28.2	54/28.1	69/27.5	77/26.9	90/26.4	90/26.2	105/25.8	109/25.8	116/25.5
119/25.0	129/24.8	137/24.3	144/20.4	165/17.8	183/17.1	187/16.8	195/15.7	203/14.9	223/13.7
238/13.1	257/12.6	311/11.8	336/11.6	366/11.5	488/10.3				

REGION - 9 6
WATERMASS - NORTH SOMALI COOL

183

REGION - B 6
WATERMASS - NORTH SOMALI WARM

184

REGION - R 7
WATERMASS - ARARIAN

185

REGION - R R
WATERMASS - CEYLON

186

TEST PROFILES (DEPTH/TEMPERATURE PAIRS)

REGION - B 9
WATERMASS - NORTH INDIAN COLD

	MONTH 1	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 2	(30 POINTS IN THE PROFILE)	MONTH 3	(29 POINTS IN THE PROFILE)	MONTH 4	(30 POINTS IN THE PROFILE)	MONTH 5	(19 POINTS IN THE PROFILE)	MONTH 6	(30 POINTS IN THE PROFILE)	MONTH 7	(30 POINTS IN THE PROFILE)	MONTH 8	(30 POINTS IN THE PROFILE)	MONTH 9	(30 POINTS IN THE PROFILE)	MONTH 10	(27 POINTS IN THE PROFILE)	MONTH 11	(30 POINTS IN THE PROFILE)	MONTH 12	(29 POINTS IN THE PROFILE)
0/27.7	23/27.7	38/27.9	43/27.4	66/27.0	70/26.2	77/26.0	80/26.1	88/25.6	91/24.6															
97/23.5	102/23.1	106/22.2	116/20.7	120/20.5	121/20.1	124/19.7	128/18.5	146/17.2	155/15.7															
168/15.3	174/14.6	182/14.0	190/13.9	223/12.7	270/12.1	277/11.8	349/10.7	367/10.7	457/ 9.8															
0/27.5	48/27.5	57/27.2	61/26.9	70/26.6	74/25.4	83/23.9	87/22.3	91/22.1	93/21.7															
102/21.1	111/21.0	112/20.5	116/20.4	120/19.8	124/19.5	129/18.6	136/18.2	140/17.6	157/16.7															
160/16.2	167/16.0	176/15.2	188/14.6	214/13.9	233/13.1	307/11.9	407/11.0	457/10.6																
0/30.2	10/30.4	19/30.2	21/29.8	22/29.3	24/29.0	43/28.2	45/27.9	65/27.3	71/26.4															
76/26.3	81/26.4	88/25.9	90/25.4	100/23.9	103/22.7	108/22.4	113/21.3	119/21.0	126/19.3															
139/18.4	141/17.9	148/17.5	152/17.0	168/16.3	174/15.6	206/13.7	246/12.4	383/10.7	464/ 9.7															
0/29.8	27/29.8	31/29.6	34/29.0	45/28.1	67/27.1	73/27.0	95/22.6	123/18.4	134/17.2															
141/16.8	146/16.2	159/15.2	179/14.2	197/13.4	233/12.5	281/11.6	349/10.8	475/ 9.9																
0/28.6	50/28.4	51/28.1	52/27.6	54/27.1	60/26.1	64/25.7	69/24.9	70/24.6	74/24.3															
75/24.0	81/23.5	86/22.4	88/22.1	95/21.7	105/20.6	115/19.1	120/18.0	124/17.5	130/17.3															
142/16.3	169/14.9	174/14.5	183/14.2	233/13.4	243/13.0	297/11.9	326/11.5	381/11.0	464/10.1															
0/28.1	66/28.0	69/27.8	72/27.2	76/26.9	77/26.4	82/25.6	89/25.1	91/24.2	95/23.5															
97/22.7	100/22.1	105/21.7	106/21.4	109/21.2	125/19.1	131/18.4	135/18.2	140/17.4	147/16.7															
160/15.9	163/15.5	166/15.4	169/15.0	184/14.3	189/14.3	259/12.1	446/10.1	606/ 8.8	743/ 8.2															
0/28.4	35/28.5	44/28.2	55/26.9	58/26.0	64/25.3	68/25.1	71/23.2	73/22.9	79/22.6															
83/22.0	88/21.8	94/21.2	95/20.9	101/20.7	107/20.2	109/19.7	113/19.2	115/19.2	116/19.0															
121/18.8	124/18.4	130/18.1	135/17.6	138/16.9	177/14.6	199/13.2	207/13.2	245/12.1	440/10.3															
0/28.6	38/28.4	46/27.9	56/26.0	57/25.3	63/24.0	73/23.5	75/23.1	82/22.8	86/22.0															
91/21.7	95/21.0	101/20.4	106/19.5	110/19.3	117/18.2	125/17.5	135/16.7	143/15.9	149/15.6															
150/15.3	164/14.5	181/13.9	191/13.4	295/12.5	304/12.6	323/12.2	341/12.1	355/11.7	457/11.7															
0/28.2	17/28.2	28/27.8	41/27.8	46/27.7	51/27.4	66/25.6	69/24.9	75/23.9	86/23.0															
92/22.2	98/21.8	101/21.8	104/21.6	108/20.7	116/19.6	126/18.9	132/18.0	137/17.4	167/15.0															
185/14.0	196/13.5	209/13.1	242/12.5	323/11.3	363/10.8	493/ 9.3																		
0/28.2	27/28.2	46/28.0	53/27.3	64/27.2	73/26.0	85/25.3	92/24.6	99/24.3	111/22.6															
118/22.1	122/21.5	129/20.8	139/19.3	142/18.3	152/17.5	162/15.9	174/15.3	191/14.9	195/14.7															
201/14.0	217/13.3	235/12.6	242/12.1	271/11.7	318/11.5	365/10.8	403/10.5	437/10.5	496/ 9.9															
0/27.6	57/27.5	69/27.1	71/26.9	74/26.4	75/25.9	77/25.6	78/25.3	97/24.6	102/24.3															
103/23.6	104/23.3	114/22.5	122/21.7	124/20.8	127/20.7	129/20.1	150/18.9	159/17.9	160/17.7															
168/17.0	183/16.2	188/15.5	212/13.9	261/12.2	303/11.5	331/11.2	413/10.3	455/10.0																

TXBT PROFILES (DEPTH/TEMPERATURE PAIRS)

REGION - R 9
WATERPASS - NORTH INDIAN WARM

	MONTH 1	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 2	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 3	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 4	(29 POINTS IN THE PROFILE)	MONTH 5	(26 POINTS IN THE PROFILE)	MONTH 6	(30 POINTS IN THE PROFILE)	MONTH 7	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 8	(27 POINTS IN THE PROFILE)	MONTH 9	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 10	(30 POINTS IN THE PROFILE)	MONTH 11	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 12	(30 POINTS IN THE PROFILE)
0/30.3	24/30.5	33/29.9	17/29.4	56/23.7	94/28.3	92/27.4	93/26.8	94/26.4	98/25.9															
103/25.8	104/25.4	116/23.7	117/23.2	125/22.4	133/21.2	151/19.8	153/19.4	173/18.1	181/17.2															
193/16.4	207/15.6	238/14.2	249/13.9	272/12.9	299/12.4	311/12.3	352/11.6	475/10.4																
0/29.6	16/29.6	32/28.6	38/28.5	48/28.2	63/27.3	73/27.1	79/26.8	86/25.2	92/24.5															
97/23.6	100/23.3	115/20.6	123/19.6	130/19.1	140/18.0	154/16.8	182/15.5	253/13.6	287/12.8															
332/11.9	368/11.4	382/11.3	400/11.0	445/10.7	474/10.4																			
0/29.6	45/29.6	50/29.2	55/28.1	68/27.3	74/27.2	80/27.3	83/27.0	107/26.3	120/23.9															
122/23.4	124/23.3	126/22.7	128/22.7	130/21.9	135/21.5	141/20.6	146/20.3	162/18.3	170/17.3															
178/16.7	185/16.5	200/15.6	202/15.3	231/14.3	239/13.7	269/13.0	273/12.7	642/ 8.9	708/ 8.5															
0/28.8	37/28.3	49/27.4	61/26.8	65/26.4	73/26.1	83/25.0	90/23.8	114/21.6	123/20.2															
128/19.7	134/19.4	140/18.8	142/18.3	163/16.8	165/16.5	187/15.7	192/15.7	212/15.0	218/14.5															
238/13.5	244/12.9	262/12.5	282/12.3	292/12.0	322/11.6	455/10.6																		
0/28.4	8/28.4	20/27.9	28/28.1	71/27.9	73/27.8	77/26.0	107/22.9	118/21.2	122/20.8															
128/20.7	137/20.3	156/17.6	173/17.3	179/16.9	185/16.0	194/15.4	200/15.2	205/14.5	214/13.9															
248/13.0	269/12.4	290/12.1	316/12.1	342/11.8	352/11.3	362/11.0	383/10.8	413/10.8	494/10.3															
0/27.6	25/27.5	65/27.8	85/27.7	90/27.3	91/26.9	94/26.5	96/25.9	104/25.4	105/24.8															
110/24.2	116/23.9	117/23.5	126/22.2	132/21.8	133/21.5	161/18.4	162/17.9	172/17.4	174/16.9															
183/16.6	187/16.2	191/16.1	199/15.3	220/14.5	229/13.9	247/13.5	253/13.1	280/12.3	467/10.2															

REGION - P10
WATERPASS - ANDAMAN

189

TXBT PROFILES (DEPTH/TEMPERATURE PAIRS)

REGION - R11
WATERMASS - WEST ADEN

REGION - R12
WATERMASS - EAST ADEN

191

REGION - R13
WATERPASS - YEMEN COOL

192

REGION - R13
WATERPASS - YEMEN WARM

193

REGION - B14
WATERMASS - APARIAN

306712.0 3.2712.3 363712.1
LAST WATER MASS FOUND FOR THIS AREA

TXRT PROFILES (DEPTH/TEMPERATURE PAIRS)

REGION - C 1
WATERPASS - S MOZAMBIQUE COLD

	MONTH 1	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 2	(28 POINTS IN THE PROFILE)	MONTH 3	(25 POINTS IN THE PROFILE)	MONTH 4	(30 POINTS IN THE PROFILE)	MONTH 5	(20 POINTS IN THE PROFILE)	MONTH 6	(29 POINTS IN THE PROFILE)	MONTH 7	(21 POINTS IN THE PROFILE)	MONTH 8	(25 POINTS IN THE PROFILE)	MONTH 9	(25 POINTS IN THE PROFILE)	MONTH 10	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 11	(28 POINTS IN THE PROFILE)	MONTH 12	(NO PROFILE AVAILABLE FOR THIS MONTH)		
0/28.2	36/28.0	40/27.6	41/27.1	47/26.3	65/25.7	66/25.4	68/25.0	77/24.8	80/24.4	102/22.6	117/22.2	131/21.1	132/20.7	148/19.7	149/19.4	157/18.8	168/17.8	176/17.2	195/16.2	201/15.8	235/14.7	256/14.5	283/13.8	299/13.6	419/11.4	481/10.9
0/28.4	13/28.1	21/27.6	53/27.4	67/26.4	76/25.3	78/24.9	96/24.3	99/22.7	116/21.3	126/20.4	128/19.9	141/19.0	155/18.5	178/17.4	209/16.5	214/15.9	228/15.7	252/14.9	269/14.5	299/13.5	312/13.2	336/12.5	463/11.0	178/17.4	209/16.5	214/15.9
0/28.6	34/28.5	38/28.3	46/27.2	52/26.5	61/26.0	68/25.8	75/24.2	90/22.7	103/21.9	122/20.6	134/20.2	140/19.6	149/19.1	166/17.1	170/17.1	181/16.2	191/15.9	201/15.7	239/14.5	254/13.9	276/13.4	292/13.4	327/12.6	355/12.2	399/11.2	418/11.1
0/26.2	66/26.0	69/25.0	76/24.4	82/24.0	93/23.5	95/23.0	120/21.4	136/20.2	145/19.6	157/18.4	180/17.5	189/17.1	222/15.9	276/14.4	321/13.6	370/12.9	419/12.4	433/12.1	458/11.7	453/11.1	81/25.1	91/24.6	115/22.4	121/21.6	130/20.3	176/20.4
0/26.1	82/25.9	85/24.6	99/24.1	96/23.6	99/23.0	110/22.2	114/21.7	129/20.9	130/20.4	142/19.7	150/19.4	154/18.9	168/18.5	159/18.7	177/18.0	181/17.6	197/17.6	220/16.1	229/15.5	250/15.3	263/14.4	274/14.0	313/13.1	351/12.6	355/12.4	417/11.2
0/25.2	81/25.1	91/24.6	115/22.4	121/21.6	136/21.3	150/20.3	176/20.4	141/19.9	145/19.3	162/18.6	192/16.7	200/16.6	208/16.3	267/13.9	294/13.1	327/12.5	382/11.9	415/11.4	453/11.1	14/25.6	53/25.5	87/25.1	92/24.7	101/23.4	105/23.1	112/22.0
0/26.1	14/25.6	53/25.5	87/25.1	92/24.7	101/23.4	105/23.1	112/22.0	122/21.2	130/20.9	137/20.1	147/19.7	153/18.8	159/18.6	166/18.0	179/17.1	203/16.6	230/15.1	253/14.6	299/13.3	316/13.1	350/12.2	389/11.5	458/10.7	589/10.7	689/10.7	789/10.7
0/26.4	38/26.2	44/25.5	49/25.1	64/24.2	111/22.7	118/22.2	120/21.8	123/21.4	124/21.1	132/20.3	137/19.6	142/19.3	148/19.7	198/16.6	204/16.3	214/16.1	249/14.9	291/14.0	334/13.3	417/12.0	463/11.3	512/10.7	561/10.7	610/10.7	659/10.7	708/10.7
0/27.9	1/27.8	15/27.8	22/27.9	35/27.4	43/26.8	51/26.1	52/25.8	62/24.8	72/22.7	80/21.8	86/21.0	98/19.9	106/18.9	131/17.5	142/16.5	148/15.8	153/15.5	182/14.8	210/14.4	223/14.3	232/13.9	321/12.8	358/12.1	397/11.6	443/10.8	490/10.4

TXST PROFILES (DEPTH/TEMPERATURE PAIRS)

REGION - C 1
WATERMASS - S MOZAMBIQUE WAFM

***** (NO PROFILE AVAILABLE FOR THIS MONTH) *****									
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
MONTH 1	MONTH 2	MONTH 3	MONTH 4	MONTH 5	MONTH 6	MONTH 7	MONTH 8	MONTH 9	MONTH 10
0/27.8	42/27.4	43/26.9	45/26.3	44/26.1	54/25.7	75/25.1	95/24.4	111/24.0	132/23.7
144/22.2	149/21.7	161/20.8	168/20.2	169/20.0	173/19.5	174/19.3	180/18.9	181/18.7	194/17.8
283/14.9	303/14.2	320/14.0	333/13.4	374/12.8	471/11.7				
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
MONTH 11	MONTH 12	MONTH 13	MONTH 14	MONTH 15	MONTH 16	MONTH 17	MONTH 18	MONTH 19	MONTH 20
0/29.0	13/28.2	62/27.4	77/25.9	82/25.6	85/25.1	95/24.7	96/24.2	112/23.5	127/22.6
140/21.7	145/21.6	151/21.1	164/19.9	167/19.6	210/18.9	215/18.3	232/17.8	241/17.2	255/16.7
266/16.4	304/15.1	319/14.7	336/14.1	367/13.4	394/12.9	463/11.8			
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
MONTH 21	MONTH 22	MONTH 23	MONTH 24	MONTH 25	MONTH 26	MONTH 27	MONTH 28	MONTH 29	MONTH 30
0/29.1	37/29.2	44/27.7	48/27.4	49/26.9	54/26.1	54/26.1	67/25.5	75/25.0	77/24.4
83/24.2	92/23.2	101/22.5	108/22.2	119/21.4	150/19.7	169/18.5	193/17.9	208/17.0	219/16.6
220/16.3	229/15.9	240/15.7	244/15.3	259/15.2	254/14.9	402/12.2	409/11.9	457/11.3	
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
MONTH 31	MONTH 32	MONTH 33	MONTH 34	MONTH 35	MONTH 36	MONTH 37	MONTH 38	MONTH 39	MONTH 40
0/27.8	52/27.8	56/27.5	59/26.7	65/25.7	73/24.4	86/22.9	97/22.6	92/22.2	106/21.3
112/21.1	117/20.7	122/20.6	125/20.2	134/19.5	160/18.8	169/18.8	177/18.1	204/17.0	216/16.3
238/15.8	256/15.0	329/13.7	349/12.9	385/12.2	395/12.2	400/11.9	415/11.8	436/11.2	457/10.9
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
MONTH 41	MONTH 42	MONTH 43	MONTH 44	MONTH 45	MONTH 46	MONTH 47	MONTH 48	MONTH 49	MONTH 50
0/25.3	90/25.3	102/25.1	107/24.8	122/23.3	135/20.9	139/20.3	142/20.1	149/20.0	168/17.9
184/17.2	194/17.2	199/17.1	210/16.1	224/15.2	236/14.6	270/14.2	273/13.9	279/13.7	288/13.6
294/13.4	308/13.2	315/12.9	360/12.2	374/11.8	407/11.5	411/11.2	422/11.0	446/11.0	456/10.8
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
MONTH 51	MONTH 52	MONTH 53	MONTH 54	MONTH 55	MONTH 56	MONTH 57	MONTH 58	MONTH 59	MONTH 60
0/27.9	14/27.6	121/26.4	124/26.1	141/25.0	144/24.3	148/23.7	174/23.1	177/22.7	182/22.6
183/22.2	189/21.8	193/21.1	203/20.8	212/19.9	241/19.1	256/18.3	268/17.9	273/17.6	279/17.5
284/17.2	296/16.9	311/16.3	332/14.1	343/15.6	394/15.0	415/14.1	426/13.9	454/13.7	
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
MONTH 61	MONTH 62	MONTH 63	MONTH 64	MONTH 65	MONTH 66	MONTH 67	MONTH 68	MONTH 69	MONTH 70
0/25.3	25/25.3	31/25.1	53/25.0	80/24.7	104/23.8	119/23.6	129/23.6	157/22.6	182/22.1
170/19.7	194/18.8	199/18.7	204/18.2	218/17.8	231/17.1	249/16.5	253/16.2	265/15.9	271/15.9
293/15.2	319/14.6	347/13.4	356/13.1	369/13.1	380/13.0	417/12.2	441/12.0	450/11.8	470/11.6
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
MONTH 71	MONTH 72	MONTH 73	MONTH 74	MONTH 75	MONTH 76	MONTH 77	MONTH 78	MONTH 79	MONTH 80
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****

REGION - C 2
WATERMASS - S MASCARENE

197

TEXT PROFILES (DEPTH/TEMPERATURE PAIRS)

REGION - C 3
WATERMASS - MAUPITIUS

	MONTH 1 (30 POINTS IN THE PROFILE)											
0/27.3	42/27.2	46/26.0	70/24.5	80/24.2	96/22.7	123/21.5	130/20.8	144/20.5	161/19.5			
168/18.9	174/18.7	179/18.3	199/18.0	204/17.4	212/17.2	215/16.8	231/16.1	250/15.3	273/14.7			
278/14.3	323/12.8	346/12.5	358/12.0	367/12.0	374/11.6	385/11.3	404/11.1	473/ 9.6	498/ 9.4			
	MONTH 2 (29 POINTS IN THE PROFILE)											
0/27.5	31/27.4	40/27.0	44/26.4	52/25.2	53/24.8	54/24.2	55/23.9	71/23.2	94/22.9			
114/22.3	120/21.9	140/21.0	155/20.7	161/20.4	183/19.6	190/19.1	206/18.4	226/18.0	243/17.3			
269/15.8	295/14.9	310/14.5	330/14.1	356/13.4	382/12.9	402/12.4	442/11.6	475/11.2				
	MONTH 3 (29 POINTS IN THE PROFILE)											
0/28.2	46/28.2	65/27.2	72/26.3	78/25.9	98/24.9	96/24.7	110/23.5	114/23.0	124/22.1			
128/21.4	144/21.0	167/19.7	173/19.4	183/18.8	200/18.3	230/17.8	236/17.2	287/16.3	296/15.0			
308/15.7	328/14.7	340/14.5	382/13.6	397/13.2	408/12.7	423/12.5	434/12.0	457/11.8				
	MONTH 4 (29 POINTS IN THE PROFILE)											
0/27.1	12/27.1	18/26.9	52/26.9	67/26.7	76/26.1	85/24.3	105/22.6	109/22.5	115/22.0			
118/21.4	122/21.0	133/20.7	139/20.2	153/19.6	157/19.5	179/18.6	186/18.5	190/18.1	202/17.8			
214/16.9	233/16.7	239/16.3	306/14.3	310/14.0	372/13.4	398/12.4	419/12.3	485/11.2				
	MONTH 5 (29 POINTS IN THE PROFILE)											
0/26.7	60/26.4	61/26.0	64/25.5	65/24.1	71/23.3	77/22.1	82/21.7	83/21.4	89/21.1			
93/20.6	108/19.7	114/19.0	124/18.5	132/18.3	207/16.0	219/15.9	222/15.6	224/15.8	245/15.1			
249/14.6	277/14.2	284/13.5	371/11.9	387/11.4	409/11.1	416/10.8	438/10.7	464/10.3				
	MONTH 6 (29 POINTS IN THE PROFILE)											
0/25.7	61/25.8	64/25.7	66/25.2	72/25.0	78/23.5	82/23.2	85/22.6	89/22.3	91/21.3			
114/19.9	118/20.1	130/19.2	138/18.9	139/18.6	156/18.2	158/17.6	170/17.0	176/17.0	185/16.4			
192/16.2	205/15.7	265/14.8	294/14.3	307/14.1	316/13.6	332/13.3	336/13.0	457/10.9				
	MONTH 7 (29 POINTS IN THE PROFILE)											
0/24.9	76/24.8	84/24.3	102/24.0	107/23.6	110/23.4	113/22.9	135/22.5	141/22.2	143/21.9			
153/21.5	155/21.2	163/21.1	168/20.6	203/19.8	215/19.7	224/19.3	258/18.0	275/17.0	301/16.4			
305/16.0	310/15.7	346/15.4	350/15.1	368/14.4	375/13.9	411/13.0	436/12.8	465/12.4				
	MONTH 8 (22 POINTS IN THE PROFILE)											
0/23.1	94/23.0	101/22.8	138/22.8	158/22.7	172/22.2	183/21.3	197/20.4	213/20.0	233/18.9			
241/18.7	261/17.5	284/16.7	300/16.0	314/15.7	345/14.8	362/14.4	380/14.2	395/13.8	441/13.1			
454/13.1	481/12.6											
	MONTH 9 (28 POINTS IN THE PROFILE)											
0/23.5	99/23.6	127/23.5	143/23.3	148/22.7	159/22.6	166/22.1	198/21.4	198/20.9	205/20.4			
215/20.2	221/19.8	233/19.4	253/19.3	274/18.6	302/17.5	318/16.9	347/16.4	353/16.1	358/16.0			
371/15.5	394/14.9	411/14.4	418/14.4	430/14.0	449/13.8	470/13.2	499/12.7					
	MONTH 10 (20 POINTS IN THE PROFILE)											
0/23.6	42/23.6	90/23.2	148/21.8	164/21.6	171/21.4	194/20.2	203/19.9	214/19.7	223/19.4			
233/18.4	235/18.3	259/17.9	267/17.4	280/16.7	292/16.4	301/16.2	321/16.0	339/15.1	345/15.1			
364/14.2	394/13.4	399/13.4	413/12.4	427/12.4	440/12.3	448/12.0	450/11.9	484/11.4				
	MONTH 11 (NO PROFILE AVAILABLE FOR THIS MONTH)											
	MONTH 12 (NO PROFILE AVAILABLE FOR THIS MONTH)											

REGION - C 4
WATERPASS - S INDIAN

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TXRT PROFILES (DEPTH/TEMPERATURE PAIRS)

REGION - C 5
WATERMASS - S WHARTON

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***** MONTH 1 ***** (29 POINTS IN THE PROFILE) *****  
0/25.9 28/25.9 32/25.6 37/24.7 62/23.9 65/23.5 73/23.1 85/22.8 90/22.5  
95/22.4 104/21.8 146/20.6 172/20.0 180/19.8 189/19.3 193/19.3 230/18.5 241/18.0  
265/17.4 270/17.1 305/15.5 314/15.1 374/13.1 786/12.6 428/11.5 457/10.9  
***** MONTH 2 ***** (30 POINTS IN THE PROFILE) *****  
0/25.9 28/25.9 42/25.4 43/25.2 52/24.8 58/24.0 82/22.9 98/22.3 92/22.2 97/21.5  
103/21.4 109/20.8 116/20.4 126/20.7 133/20.8 138/20.2 143/20.0 157/20.0 170/19.7 202/18.9  
205/18.5 210/18.3 213/17.7 220/17.9 241/17.6 243/17.3 266/16.6 284/15.7 345/13.5 457/10.9  
***** MONTH 3 ***** (NO PROFILE AVAILABLE FOR THIS MONTH) *****  
***** MONTH 4 ***** (NO PROFILE AVAILABLE FOR THIS MONTH) *****  
***** MONTH 5 ***** (NO PROFILE AVAILABLE FOR THIS MONTH) *****  
***** MONTH 6 ***** (NO PROFILE AVAILABLE FOR THIS MONTH) *****  
***** MONTH 7 ***** (NO PROFILE AVAILABLE FOR THIS MONTH) *****  
***** MONTH 8 ***** (22 POINTS IN THE PROFILE) *****  
0/23.5 7/23.2 25/23.2 33/22.8 80/22.6 116/22.1 125/21.7 135/21.3 141/21.7 153/21.0  
164/20.1 191/19.0 225/18.2 241/17.3 263/15.9 272/16.5 280/16.4 332/14.0 340/13.9 355/13.3  
400/12.2 457/11.0  
***** MONTH 9 ***** (NO PROFILE AVAILABLE FOR THIS MONTH) *****  
***** MONTH 10 ***** (NO PROFILE AVAILABLE FOR THIS MONTH) *****  
***** MONTH 11 ***** (NO PROFILE AVAILABLE FOR THIS MONTH) *****  
***** MONTH 12 ***** (NO PROFILE AVAILABLE FOR THIS MONTH) *****
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REGION - C 6
WATERPASS - N MOZAMBIQUE COLD

201

TXBT PROFILES (DEPTH/TEMPERATURE PAIRS)

REGION - C 6
WATERMASS - N MOZAMBIQUE WARM

	MONTH 1	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 2	(30 POINTS IN THE PROFILE)	MONTH 3	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 4	(30 POINTS IN THE PROFILE)	MONTH 5	(28 POINTS IN THE PROFILE)	MONTH 6	(30 POINTS IN THE PROFILE)	MONTH 7	(30 POINTS IN THE PROFILE)	MONTH 8	(29 POINTS IN THE PROFILE)	MONTH 9	(28 POINTS IN THE PROFILE)	MONTH 10	(28 POINTS IN THE PROFILE)	MONTH 11	(27 POINTS IN THE PROFILE)	MONTH 12	(29 POINTS IN THE PROFILE)					
0/28.0	44/27.9	48/27.6	63/27.4	70/26.8	81/26.3	94/25.1	100/24.4	107/24.2	114/23.7	117/23.2	141/21.1	145/20.4	159/19.5	178/18.4	191/17.8	213/17.1	242/15.8	279/14.3	305/14.1	350/12.8	371/12.3	389/12.2	412/11.4	429/11.4	456/11.0	472/11.0	483/10.7	495/10.7	
0/29.6	26/29.6	33/29.2	39/27.9	54/27.3	62/26.5	68/26.4	73/25.7	83/25.1	86/24.5	90/24.2	92/23.7	95/23.4	106/22.4	114/22.0	130/21.0	147/20.5	150/20.1	157/19.9	175/18.7	178/18.2	207/17.3	211/16.8	265/14.8	275/14.6	277/14.3	405/11.4	457/10.7		
0/27.1	57/26.9	68/26.7	72/26.2	81/25.8	93/25.4	100/24.8	108/24.5	120/23.9	130/22.2	140/21.3	145/20.6	151/20.2	172/19.5	190/18.7	193/18.1	196/17.9	218/17.2	226/16.8	240/16.6	261/15.8	269/15.4	273/15.1	315/13.2	357/12.8	415/12.4	457/11.0			
0/26.8	53/26.7	58/25.5	64/25.3	66/25.0	72/24.8	84/23.5	87/23.1	102/21.8	107/21.6	111/21.2	116/21.1	127/19.9	149/19.2	178/18.3	184/17.9	188/17.9	190/17.6	203/17.3	215/17.3	237/16.3	245/15.3	252/14.9	259/14.0	279/13.4	300/13.0	308/13.0	351/11.6	435/10.9	457/10.5
0/25.9	71/25.8	74/25.6	86/25.4	101/23.9	107/23.0	126/22.1	133/21.4	140/21.1	144/21.1	150/20.2	158/19.7	161/19.2	190/18.1	203/17.2	230/16.8	252/15.9	255/15.5	268/15.1	273/14.5	276/14.3	291/14.1	301/13.6	309/13.5	317/13.3	336/12.8	360/12.5	370/12.0	404/11.3	456/10.6
0/26.0	76/25.8	88/25.4	97/24.9	98/23.9	113/21.9	114/21.6	118/20.8	128/20.2	151/19.7	167/19.5	194/18.7	209/17.8	224/17.6	240/17.0	249/16.4	256/16.2	259/15.9	264/15.6	265/15.3	277/14.8	293/14.5	299/14.3	302/13.5	326/13.1	365/12.8	407/11.9	425/11.7	435/11.5	
0/24.8	123/24.6	130/24.1	133/23.7	140/23.4	153/21.7	157/20.7	165/19.8	170/19.6	174/19.1	184/18.6	190/17.8	201/17.3	206/16.8	217/16.6	230/16.0	237/15.2	248/14.7	255/13.7	262/13.6	273/13.0	295/12.5	303/12.1	336/11.5	347/11.1	440/10.0	470/ 9.8			
0/26.3	24/26.3	30/26.2	44/25.6	54/25.3	93/23.9	126/23.1	152/22.8	170/22.5	182/22.0	202/20.4	207/19.6	213/19.0	225/18.2	230/17.6	245/16.7	263/15.7	276/15.2	323/14.1	328/13.7	336/13.5	368/13.0	380/13.0	384/12.9	391/12.6	421/11.9	479/11.0			
0/27.0	2/27.1	15/26.7	22/26.3	65/25.9	99/24.8	113/22.7	141/22.3	145/21.8	148/21.1	154/20.8	168/20.7	170/20.4	174/19.5	180/19.3	186/18.8	197/17.7	222/16.7	249/16.2	260/15.6	275/15.1	282/15.0	285/14.7	320/13.7	369/13.1	459/11.4				
0/27.5	27/27.1	32/26.2	46/25.4	61/25.1	74/24.6	99/23.9	104/23.3	113/23.0	133/21.5	139/21.2	152/19.6	166/18.9	169/18.5	180/18.1	199/17.3	246/15.2	278/14.6	286/14.6	291/14.0	302/13.8	315/13.1	360/12.5			441/10.7	458/10.2	495/ 9.9		

REGION - C 7
WATERMASS - C MASCARENE COLD

203

REGION - C 7
WATERMASS - C MASCARENE WARM

204

TXRT PROFILES (DEPTH/TEMPERATURE PAIRS)

 REGION - C P
 WATERMASS - S SOMALI

	MONTH 1		MONTH 2		MONTH 3		MONTH 4		MONTH 5		MONTH 6		MONTH 7		MONTH 8		MONTH 9		MONTH 10		MONTH 11		MONTH 12	
	(NO PROFILE AVAILABLE FOR THIS MONTH)		(29 POINTS IN THE PROFILE)		(29 POINTS IN THE PROFILE)		(29 POINTS IN THE PROFILE)		(29 POINTS IN THE PROFILE)		(29 POINTS IN THE PROFILE)		(29 POINTS IN THE PROFILE)		(29 POINTS IN THE PROFILE)		(29 POINTS IN THE PROFILE)		(29 POINTS IN THE PROFILE)		(29 POINTS IN THE PROFILE)		(29 POINTS IN THE PROFILE)	
0/28.2	7/28.4	9/28.9	29/29.3	6/22.7	11/24.3	11/23.5	112/23.2	127/21.4																
134/22.4	136/22.3	137/22.4	141/22.3	147/22.6	145/21.8	186/19.5	196/19.0	225/17.9																
237/17.5	238/17.2	300/15.6	303/15.2	357/13.8	365/13.2	416/12.1	467/11.4																	
0/28.3	14/28.3	56/26.4	79/27.2	89/22.6	99/21.1	119/20.4	124/20.1	136/18.1																
147/17.3	169/15.9	173/15.5	176/15.4	184/15.5	196/14.5	233/13.5	251/13.4	272/12.8																
310/12.2	331/12.0	341/11.6	385/11.2	397/10.9	408/10.8	420/10.4	433/10.3	442/10.0																
0/26.0	48/26.2	90/26.2	94/24.5	97/23.8	104/23.4	109/22.7	124/21.4	159/19.7																
178/18.7	202/17.8	208/17.0	218/16.6	225/15.5	228/16.8	246/16.4	257/16.4	266/16.1																
286/14.5	306/13.5	315/13.5	333/13.0	379/12.6	390/12.2	440/11.3	454/10.9	508/10.3																
0/25.1	56/25.2	65/24.8	82/24.4	89/24.0	95/23.2	111/22.2	128/21.4	132/20.5																
143/20.0	152/19.3	167/18.6	171/18.3	174/18.3	180/17.9	193/17.1	204/17.0	208/17.2																
222/16.1	237/15.9	243/15.4	253/15.2	259/14.9	294/14.3	328/13.9	342/13.5	403/12.4																
0/24.1	78/24.0	84/23.4	117/21.7	121/21.6	122/21.3	149/20.2	162/19.4	199/18.0																
217/17.3	223/16.8	242/15.9	248/15.5	250/15.1	258/15.1	262/15.3	273/15.0	291/14.1																
298/13.6	307/13.0	317/13.0	319/13.1	346/12.6	349/12.4	384/11.6	405/11.3	427/10.8																
0/24.1	78/24.0	84/23.4	117/21.7	121/21.6	122/21.3	149/20.2	162/19.4	199/18.0																
217/17.3	223/16.8	242/15.9	248/15.5	250/15.1	258/15.1	262/15.3	273/15.0	291/14.1																
298/13.6	307/13.0	317/13.0	319/13.1	346/12.6	349/12.4	384/11.6	405/11.3	427/10.8																
0/24.1	78/24.0	84/23.4	117/21.7	121/21.6	122/21.3	149/20.2	162/19.4	199/18.0																
217/17.3	223/16.8	242/15.9	248/15.5	250/15.1	258/15.1	262/15.3	273/15.0	291/14.1																
298/13.6	307/13.0	317/13.0	319/13.1	346/12.6	349/12.4	384/11.6	405/11.3	427/10.8																
0/24.1	78/24.0	84/23.4	117/21.7	121/21.6	122/21.3	149/20.2	162/19.4	199/18.0																
217/17.3	223/16.8	242/15.9	248/15.5	250/15.1	258/15.1	262/15.3	273/15.0	291/14.1																
298/13.6	307/13.0	317/13.0	319/13.1	346/12.6	349/12.4	384/11.6	405/11.3	427/10.8																
0/24.1	78/24.0	84/23.4	117/21.7	121/21.6	122/21.3	149/20.2	162/19.4	199/18.0																
217/17.3	223/16.8	242/15.9	248/15.5	250/15.1	258/15.1	262/15.3	273/15.0	291/14.1																
298/13.6	307/13.0	317/13.0	319/13.1	346/12.6	349/12.4	384/11.6	405/11.3	427/10.8																
0/24.1	78/24.0	84/23.4	117/21.7	121/21.6	122/21.3	149/20.2	162/19.4	199/18.0																
217/17.3	223/16.8	242/15.9	248/15.5	250/15.1	258/15.1	262/15.3	273/15.0	291/14.1																
298/13.6	307/13.0	317/13.0	319/13.1	346/12.6	349/12.4	384/11.6	405/11.3	427/10.8																
0/24.1	78/24.0	84/23.4	117/21.7	121/21.6	122/21.3	149/20.2	162/19.4	199/18.0																
217/17.3	223/16.8	242/15.9	248/15.5	250/15.1	258/15.1	262/15.3	273/15.0	291/14.1																
298/13.6	307/13.0	317/13.0	319/13.1	346/12.6	349/12.4	384/11.6	405/11.3	427/10.8																
0/24.1	78/24.0	84/23.4	117/21.7	121/21.6	122/21.3	149/20.2	162/19.4	199/18.0																
217/17.3	223/16.8	242/15.9	248/15.5	250/15.1	258/15.1	262/15.3	273/15.0	291/14.1																
298/13.6	307/13.0	317/13.0	319/13.1	346/12.6	349/12.4	384/11.6	405/11.3	427/10.8																
0/24.1	78/24.0	84/23.4	117/21.7	121/21.6	122/21.3	149/20.2	162/19.4	199/18.0																
217/17.3	223/16.8	242/15.9	248/15.5	250/15.1	258/15.1	262/15.3	273/15.0	291/14.1																
298/13.6	307/13.0	317/13.0	319/13.1	346/12.6	349/12.4	384/11.6	405/11.3	427/10.8																
0/24.1	78/24.0	84/23.4	117/21.7	121/21.6	122/21.3	149/20.2	162/19.4	199/18.0																
217/17.3	223/16.8	242/15.9	248/15.5	250/15.1	258/15.1	262/15.3	273/15.0	291/14.1																
298/13.6	307/13.0	317/13.0	319/13.1	346/12.6	349/12.4	384/11.6	405/11.3	427/10.8																
0/24.1	78/24.0	84/23.4	117/21.7	121/21.6	122/21.3	149/20.2	162/19.4	199/18.0																
217/17.3	223/16.8	242/15.9	248/15.5	250/15.1	258/15.1	262/15.3	273/15.0	291/14.1																
298/13.6	307/13.0	317/13.0	319/13.1	346/12.6	349/12.4	384/11.6	405/11.3	427/10.8																
0/24.1	78/24.0	84/23.4	117/21.7	121/21.6	122/21.3	149/20.2	162/19.4	199/18.0																
217/17.3	223/16.8	242/15.9	248/15.5	250/15.1	258/15.1	262/15.3	273/15.0	291/14.1																
298/13.6	307/13.0	317/13.0	319/13.1	346/12.6	349/12.4	384/11.6	405/11.3	427/10.8																
0/24.1	78/24.0	84/23.4	117/21.7	121/21.6	122/21.3	149/20.2	162/19.4	199/18.0																
217/17.3	223/16.8	242/15.9	248/15.5	250/15.1	258/15.1	262/15.3	273/15.0	291/14.1																
298/13.6	307/13.0	317/13.0	319/13.1	346/12.6	349/12.4	384/11.6	405/11.3	427/10.8																
0/24.1	78/24.0	84/23.4	117/21.7	121/21.6	122/21.3	149/20.2	162/19.4	199/18.0																
217/17.3	223/16.8	242/15.9	248/15.5	250/15.1	258/15.1	262/15.3	273/15.0	291/14.1																
298/13.6	307/13.0	317/13.0	319/13.1	346/12.6	349/12.4	384/11.6	405/11.3	427/10.8																
0/24.1	78/24.0	84/23.4	117/21.7	121/21.6	122/21.3	149/20.2	162/19.4	199/18.0																
217/17.3	223/16.8	242/15.9	248/15.5	250/15.1	258/15.1	262/15.3	273/15.0	291/14.1																
298/13.6	307/13.0	317/13.0	319/13.1																					

REGION - C 9
WATERMASS - S INDIAN COLD

206

TXBT PROFILES (DEPTH/TEMPERATURE PAIRS)

REGION - C 9
WATERMASS - S INDIAN WARM

	MONTH 1	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 2	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 3	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 4	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 5	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 6	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 7	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 8	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 9	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 10	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 11	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 12	(NO PROFILE AVAILABLE FOR THIS MONTH)
0/28.8	25/28.8	34/28.6	65/28.5	87/28.0	93/26.4	101/25.7	116/24.9	124/23.0	131/21.8															
139/21.1	145/19.6	148/19.1	172/17.4	187/16.9	189/16.4	197/16.3	196/16.5	203/15.9	208/15.9															
220/15.1	237/14.9	255/13.6	264/13.6	269/13.2	285/12.5	320/11.7	439/ 9.8	453/ 9.4	496/ 8.8															
0/27.3	67/27.0	68/25.8	70/25.0	79/24.4	91/24.4	96/23.3	98/23.1	89/22.8	99/22.2															
106/21.6	121/21.0	127/20.6	133/20.5	134/20.2	142/19.9	172/17.1	176/16.9	184/16.8	187/16.5															
223/14.9	225/14.6	242/14.0	297/13.0	318/12.3	350/12.1	357/11.7	371/11.3	441/10.4	459/10.2															
0/26.6	63/26.7	66/26.2	68/25.0	75/23.0	90/22.2	91/21.6	92/21.2	94/20.7	98/20.2															
111/20.1	123/19.4	129/18.9	152/18.5	159/17.5	175/17.1	188/16.8	195/16.2	204/15.8	207/15.4															
214/15.2	236/13.7	244/13.6	246/13.3	256/13.0	354/10.2	401/ 9.4	436/ 8.9	457/ 8.7																
0/24.6	83/24.6	86/24.4	98/23.9	92/22.3	98/21.6	113/20.7	128/19.5	185/17.6	214/17.0															
220/16.3	229/16.0	243/14.9	253/14.7	263/14.1	271/13.2	335/11.8	350/11.6	379/10.8	437/ 9.9															
456/ 9.7																								
0/24.0	42/24.1	47/23.9	58/23.3	104/23.8	121/23.4	129/22.9	134/22.4	152/21.2	165/20.8															
173/20.4	182/20.2	190/19.7	195/19.6	215/18.8	231/18.0	240/17.4	246/16.5	255/15.7	268/15.0															
276/14.8	291/14.8	301/14.6	317/14.0	333/13.6	340/13.3	346/12.8	392/11.5	456/10.3	486/ 9.9															
0/25.5	58/25.5	96/25.2	114/24.9	119/24.5	128/22.1	133/21.5	139/21.7	147/20.4	152/20.1															
173/19.4	184/18.6	190/18.4	195/17.9	209/17.2	218/16.5	257/14.6	264/14.4	278/13.5	293/13.2															
301/12.8	306/12.4	321/12.2	345/11.2	372/10.4	385/10.3	420/ 9.5	432/ 9.5	478/ 8.7																

TX9T PROFILES (DEPTH/TEMPERATURE PAIRS)

REGION - C10
WATERMASS - WHARTON COLD

	MONTH 1		MONTH 2		MONTH 3		MONTH 4		MONTH 5		MONTH 6		MONTH 7		MONTH 8		MONTH 9		MONTH 10		MONTH 11		MONTH 12	
	(NO PROFILE AVAILABLE FOR THIS MONTH)		(30 POINTS IN THE PROFILE)		(30 POINTS IN THE PROFILE)		(30 POINTS IN THE PROFILE)		(30 POINTS IN THE PROFILE)		(30 POINTS IN THE PROFILE)		(30 POINTS IN THE PROFILE)		(30 POINTS IN THE PROFILE)		(30 POINTS IN THE PROFILE)		(30 POINTS IN THE PROFILE)		(30 POINTS IN THE PROFILE)		(30 POINTS IN THE PROFILE)	
0/28.5	38/28.4	50/27.7	52/26.9	59/26.5	61/26.0	66/25.6	69/25.1	71/25.0	75/24.5															
82/24.2	83/23.9	96/23.3	110/22.0	117/20.9	124/20.3	126/19.9	140/18.7	142/18.4	143/18.1															
155/17.6	159/16.9	199/14.6	222/14.0	224/13.7	249/12.6	277/12.0	289/11.3	329/10.2	466/ 8.8															
0/28.3	43/28.4	51/26.2	56/25.4	65/24.7	71/23.6	83/22.7	86/21.7	96/20.9	104/20.6															
111/20.0	119/18.7	125/18.0	130/17.8	135/17.8	151/16.3	165/15.6	186/14.2	196/13.8	211/13.5															
249/12.3	257/12.2	265/11.9	280/11.8	317/10.9	324/10.9	405/ 9.5	432/ 9.1	498/ 8.6																
0/26.7	55/26.8	60/24.4	74/22.1	80/21.6	94/20.0	99/19.9	102/19.4	108/19.1	131/18.2															
134/17.8	144/17.4	151/15.7	155/15.2	186/14.0	202/13.2	207/12.7	211/12.5	219/12.5	244/11.9															
250/11.6	279/11.1	292/11.1	312/10.8	345/10.6	354/10.3	425/ 9.4	443/ 9.4	452/ 9.2	498/ 8.9															
0/27.7	38/27.7	41/27.6	47/26.3	54/23.2	56/22.7	62/22.2	72/20.3	92/18.4	103/18.0															
107/17.1	123/15.8	133/15.4	139/15.0	144/14.8	149/14.8	169/14.0	182/13.3	194/13.0	205/12.5															
233/11.7	265/11.5	276/11.3	314/11.1	351/10.7	449/ 9.9	474/ 9.6																		
0/27.2	55/27.0	63/23.9	75/23.2	81/23.0	96/22.1	122/20.4	147/17.8	157/17.4	164/16.7															
173/16.2	179/15.2	200/14.4	216/13.5	244/12.9	285/11.6	312/11.4	324/11.2	335/11.2	371/10.5															
396/10.4	419/ 9.9	433/ 9.8	450/ 9.5	457/ 9.3																				
0/26.5	49/26.4	50/26.0	56/25.9	74/23.5	79/23.4	86/22.1	92/21.8	97/20.6	107/20.0															
108/19.7	112/19.4	114/18.8	122/18.4	124/13.0	146/16.8	153/16.1	159/15.5	176/14.5	178/14.1															
189/13.5	230/12.1	231/11.8	260/11.1	269/11.2	282/11.2	311/10.2	387/ 9.1	668/ 6.3	762/ 6.0															

REGION - C10
WATERPASS - WHAPTON WARM

209

REGION - C11
WATERMASS - WEST SOMALI

210

REGION - C12
WATERMASS - N MASCARENE

2π

TXRT PROFILES (DEPTH/TEMPERATURE PAIRS)

REGION - C13
WATERMASS - EAST SOMALI

			MONTH 1			(29 POINTS IN THE PROFILE)							
0/27.7	33/27.7	36/27.4	42/25.2	46/24.2	62/21.4	65/20.6	71/19.5	74/19.2	83/17.5				
90/16.7	102/16.4	110/16.0	115/15.5	129/14.9	147/14.3	156/14.1	166/13.7	203/12.8	227/12.4				
248/12.4	264/11.9	289/11.6	325/10.9	445/10.8	366/10.5	457/ 9.8	490/ 9.4	515/ 9.3					
			MONTH 2			(29 POINTS IN THE PROFILE)							
0/29.0	38/29.3	48/28.7	69/28.2	80/27.1	85/25.7	94/25.2	94/23.4	102/21.8	108/21.3				
111/20.5	127/18.8	128/18.1	131/17.6	146/16.1	155/15.7	157/15.2	171/14.6	174/14.3	227/12.9				
236/12.4	247/12.2	250/12.0	269/12.1	289/11.7	347/11.0	763/10.6	446/10.0	466/ 9.9					
			MONTH 3			(29 POINTS IN THE PROFILE)							
0/28.8	45/28.2	48/27.9	59/25.6	71/24.4	78/23.4	89/23.3	101/21.2	105/21.0	113/19.5				
117/19.0	124/18.5	130/18.3	135/17.8	138/17.2	143/16.8	149/16.6	154/16.2	160/15.4	175/14.5				
182/13.9	206/13.1	292/11.5	301/11.2	420/ 9.7	433/ 9.4	445/ 9.4	460/ 9.1	487/ 9.0					
			MONTH 4			(NO PROFILE AVAILABLE FOR THIS MONTH)							
			MONTH 5			(30 POINTS IN THE PROFILE)							
0/26.8	13/26.8	18/26.0	22/24.5	20/20.7	43/18.7	50/18.1	63/15.3	69/14.4	72/14.1				
83/13.6	94/13.4	112/12.8	127/12.5	144/11.8	167/11.4	178/11.4	186/11.2	202/11.1	258/10.0				
341/ 9.4	376/ 9.3	394/ 9.0	453/ 9.8	471/ 8.5	520/ 8.5	603/ 8.0	673/ 7.9	700/ 7.6	795/ 7.3				
			MONTH 6			(30 POINTS IN THE PROFILE)							
0/26.0	23/26.2	37/26.2	45/25.1	61/23.8	68/20.5	77/19.7	99/16.8	92/16.5	98/16.1				
105/16.0	109/15.5	115/15.3	125/15.1	128/14.8	141/14.4	143/14.2	152/14.0	175/13.1	180/13.1				
193/12.6	234/12.0	238/11.8	259/11.7	304/10.8	364/10.2	781/10.1	401/ 9.8	436/ 9.6	486/ 9.5				
			MONTH 7			(NO PROFILE AVAILABLE FOR THIS MONTH)							
			MONTH 8			(25 POINTS IN THE PROFILE)							
0/28.5	54/28.4	74/27.5	79/26.9	80/26.2	81/22.7	82/22.1	83/21.9	84/21.0	85/20.8				
90/20.4	92/20.0	103/18.8	108/18.7	119/17.3	138/16.8	152/16.3	157/15.8	177/14.8	205/13.7				
222/13.3	290/12.5	325/11.5	415/10.3	460/10.1									
			MONTH 9			(NO PROFILE AVAILABLE FOR THIS MONTH)							
			MONTH 10			(27 POINTS IN THE PROFILE)							
0/29.8	44/29.8	50/29.7	54/29.2	65/28.9	72/28.0	77/27.7	93/27.1	104/22.3	112/21.0				
123/19.8	132/19.5	136/19.1	149/18.4	160/17.3	173/16.3	184/16.0	197/15.8	206/15.4	219/15.2				
254/14.3	285/13.7	310/13.4	363/12.5	385/12.5	414/12.0	487/11.6							
			MONTH 11			(NO PROFILE AVAILABLE FOR THIS MONTH)							
			MONTH 12			(29 POINTS IN THE PROFILE)							
0/28.4	12/28.2	19/27.2	20/25.8	23/24.6	24/24.1	25/23.8	26/23.7	29/22.8	30/22.7				
31/21.6	34/21.2	35/20.8	39/19.9	40/19.4	41/19.3	43/18.2	50/17.9	51/17.4	57/16.7				
63/16.1	78/15.0	103/13.9	109/13.5	204/12.1	293/10.8	345/10.3	439/ 9.5	467/ 9.3					

REGION - C14
WATERMASS - MID INDIAN

213

REGION - C15
WATERMASS - EAST INDIAN COLD

214

TXBT PROFILES (DEPTH/TEMPERATURE PAIRS)

REGION - C15
WATERMASS - EAST INDIAN WARM

	MONTH 1	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 2	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 3	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 4	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 5	(30 POINTS IN THE PROFILE)	MONTH 6	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 7	(29 POINTS IN THE PROFILE)	MONTH 8	(30 POINTS IN THE PROFILE)	MONTH 9	(30 POINTS IN THE PROFILE)	MONTH 10	(30 POINTS IN THE PROFILE)	MONTH 11	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 12	(29 POINTS IN THE PROFILE)
0/28.9	34/29.0	46/28.3	51/27.7	63/27.2	73/27.0	80/26.6	95/24.9	104/24.4	108/23.6															
112/23.5	119/22.9	129/22.4	140/21.0	143/20.9	153/19.3	159/17.6	166/17.2	171/17.2	182/16.4															
195/14.7	204/14.1	210/14.0	223/13.0	235/12.6	251/12.5	263/12.0	329/11.2	367/11.0	498/ 9.5															
0/28.1	72/28.2	89/24.9	95/24.1	106/23.1	113/22.2	115/22.1	118/22.4	120/22.4	127/21.7															
137/20.2	157/17.9	183/15.8	192/14.7	207/13.4	224/12.9	233/12.4	251/11.7	265/11.3	276/11.2															
332/11.0	343/10.9	360/10.3	388/10.1	414/ 9.7	440/ 9.5	467/ 9.1	493/ 8.9	519/ 8.9																
0/27.3	34/27.3	39/26.9	49/25.5	52/24.8	56/24.4	64/24.1	69/23.6	79/23.1	84/22.5															
88/22.4	94/21.9	136/20.0	146/19.4	162/17.7	180/16.5	194/15.3	217/14.7	228/14.6	246/14.8															
274/14.6	277/14.1	291/13.8	293/13.5	302/13.7	345/12.8	378/11.9	432/11.2	437/11.3	458/11.0															
0/26.0	92/25.7	99/24.7	105/24.4	110/23.7	119/23.2	120/22.7	133/21.9	135/21.4	139/21.2															
145/20.2	160/18.3	167/17.9	170/17.4	184/16.5	188/16.0	193/15.8	196/15.3	200/15.2	201/14.9															
207/14.8	212/14.2	220/13.7	289/10.9	323/10.6	331/10.3	423/ 9.3	427/ 9.5	505/ 8.4	762/ 6.6															
0/26.2	95/25.9	98/24.8	105/23.9	113/23.5	116/22.9	122/22.4	123/22.0	127/21.7	136/20.1															
139/20.0	144/19.1	156/18.4	166/17.1	170/15.9	183/15.7	190/14.7	211/14.4	230/13.2	237/13.2															
263/11.8	278/11.5	284/11.0	309/10.8	330/11.0	344/10.7	386/10.5	667/ 8.1	713/ 7.2	762/ 6.8															
0/27.0	30/26.8	32/26.5	75/26.2	76/25.9	90/25.6	82/24.6	87/24.4	91/23.3	98/23.0															
105/22.1	109/20.5	112/20.2	118/19.1	124/18.7	127/17.9	136/17.2	137/16.8	155/15.6	180/15.1															
186/14.6	202/14.2	288/11.8	295/11.4	324/10.7	333/ 9.9	351/ 9.7	357/ 9.4	762/ 6.1																

REGION - C16
WATERMASS - NW SOMALI

216

REGION - C17
WATERMASS - NW SOMALI

217

TXBT PROFILES (DEPTH/TEMPERATURE PAIRS)

REGION - C19
WATERMASS - MID INDIAN COLD

	MONTH 1	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 2	(26 POINTS IN THE PROFILE)	MONTH 3	(30 POINTS IN THE PROFILE)	MONTH 4	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 5	(30 POINTS IN THE PROFILE)	MONTH 6	(29 POINTS IN THE PROFILE)	MONTH 7	(29 POINTS IN THE PROFILE)	MONTH 8	(21 POINTS IN THE PROFILE)	MONTH 9	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 10	(30 POINTS IN THE PROFILE)	MONTH 11	(29 POINTS IN THE PROFILE)	MONTH 12	(NO PROFILE AVAILABLE FOR THIS MONTH)
0/27.8	21/27.8	37/27.7	64/27.2	81/25.8	89/24.6	99/22.3	105/21.5	109/20.1	113/19.2	117/18.9	121/17.6	125/16.9	129/16.3	133/15.7	137/15.1	141/14.5	145/13.9	149/13.3	153/12.7	157/12.1	161/11.5	165/10.9	169/10.3	173/9.7
132/17.2	139/16.8	151/15.1	154/14.4	156/14.2	165/14.2	186/13.5	203/13.1	207/12.7	212/12.5	216/11.9	220/11.3	224/10.7	228/10.1	232/9.5	236/8.9	240/8.3	244/7.7	248/7.1	252/6.5	256/5.9	260/5.3	264/4.7	268/4.1	272/3.5
252/11.9	264/11.6	316/11.2	347/10.7	467/ 9.7	483/ 9.6																			
0/28.1	18/28.2	68/27.7	73/27.5	85/27.4	94/26.0	100/21.2	104/19.4	111/17.6	116/16.9	120/16.3	124/15.7	128/15.1	132/14.5	136/13.9	140/13.3	144/12.7	148/12.1	152/11.5	156/10.9	160/10.3	164/9.7	168/9.1	172/8.5	176/7.9
128/16.3	135/15.7	141/15.4	147/14.8	156/14.6	170/13.9	186/13.8	200/13.5	208/13.1	226/12.8	236/12.5	246/12.1	256/11.7	266/11.3	276/10.9	286/10.5	296/10.1	306/9.7	316/9.3	326/8.9	336/8.5	346/8.1	356/7.7	366/7.3	376/6.9
236/12.5	249/12.4	262/12.0	278/11.7	300/11.6	336/11.2	350/10.8	419/10.1	430/10.1	456/ 9.9	470/ 9.9	483/ 9.6													
0/29.0	34/28.6	51/27.2	57/26.9	69/24.8	70/24.0	71/23.8	72/23.3	77/22.5	78/22.2	83/21.7	86/21.4	89/20.9	95/19.7	96/19.1	102/18.1	104/17.9	107/17.5	112/17.2	119/17.7	123/17.1	125/16.9	129/16.3	133/15.7	137/15.1
81/22.0	82/21.7	86/21.4	98/20.9	89/20.2	94/20.0	219/13.2	306/11.4	361/10.8	465/10.1	470/ 9.9	483/ 9.6													
128/17.1	155/16.3	170/15.4	172/15.1	198/14.4	199/14.2	219/13.2	306/11.4	361/10.8	465/10.1	470/ 9.9	483/ 9.6													
0/29.2	77/29.2	83/27.6	92/26.8	99/21.5	100/21.0	116/20.1	119/19.3	123/19.0	125/17.8	129/17.2	133/16.6	137/16.0	141/15.4	145/14.8	149/14.2	153/13.6	157/13.0	161/12.4	165/11.8	169/11.2	173/10.6	177/10.0	181/9.4	185/8.8
138/16.3	144/16.1	147/15.6	150/15.3	168/14.6	180/13.8	185/13.6	187/13.3	192/13.1	201/13.1	205/12.5	209/11.9	213/11.3	217/10.7	221/10.1	225/9.5	229/8.9	233/8.3	237/7.7	241/7.1	245/6.5	249/5.9	253/5.3	257/4.7	261/4.1
208/12.8	267/12.0	274/11.7	331/11.2	347/10.9	379/10.8	392/10.6	486/10.3	507/10.1																
0/29.0	54/29.0	62/28.8	69/27.9	75/27.5	95/26.0	90/23.5	95/22.6	104/19.9	107/19.5	112/19.2	119/18.9	123/18.3	127/17.7	131/17.1	135/16.5	139/15.9	143/15.3	147/14.7	151/14.1	155/13.5	159/12.9	163/12.3	167/11.7	171/11.1
112/17.9	119/17.2	127/16.8	139/15.9	161/15.1	193/14.5	195/13.8	201/13.6	207/13.3	213/12.8	218/12.6	223/12.3	231/12.3	295/11.2	415/ 9.7	433/ 9.7	453/ 9.4	490/ 9.2							
218/12.6	223/12.6	231/12.3	295/11.2	386/10.2	415/ 9.7	433/ 9.7	453/ 9.4	490/ 9.2																
0/28.9	58/28.7	63/28.3	67/27.6	77/26.9	92/24.6	106/22.7	112/22.3	117/20.7	149/18.9	158/16.8	173/16.2	187/15.2	197/14.4	210/14.2	229/13.5	238/13.1	262/12.7	368/10.7	428/10.3					
457/ 9.7																								
0/28.3	36/28.2	41/28.3	67/28.1	78/28.3	98/28.3	104/28.1	106/27.6	121/23.9	126/18.6	127/18.1	135/17.4	138/16.8	145/16.3	153/15.5	160/15.1	167/14.8	180/14.5	185/14.2	201/13.5	206/12.9	214/12.7	222/12.5	230/12.3	238/12.1
226/12.6	240/12.2	276/11.8	292/11.2	314/11.1	327/10.8	344/10.6	368/10.5	411/10.1	470/ 9.9	470/ 9.9	483/ 9.6													
0/28.3	14/28.0	78/27.8	89/27.1	98/26.3	101/25.8	103/25.7	105/25.0	108/23.7	109/23.0	114/22.1	115/21.8	117/20.9	118/20.2	120/19.3	121/18.0	122/17.7	137/16.4	155/15.8	172/15.6	177/15.4	179/14.7	217/13.3	230/12.9	237/12.7

REGION - C19
WATERPASS - MID INDIAN WARM

220

TXRT PROFILES (DEPTH/TEMPERATURE PAIRS)

REGION - C20
WATERMASS - EAST INDIAN COLD

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***** MONTH 1 (20 POINTS IN THE PROFILE) *****
0/28.4 32/28.4 65/28.0 76/27.7 87/27.2 91/27.1 98/25.8 107/25.0 121/20.5
123/19.0 124/18.7 128/18.4 135/17.1 149/16.4 155/14.9 159/14.3 181/13.4 205/12.7
233/12.2 258/11.7 280/11.6 312/11.1 321/10.8 372/10.6 391/10.1 437/ 9.9 474/ 9.4
***** MONTH 2 (NO PROFILE AVAILABLE FOR THIS MONTH) *****
***** MONTH 3 (NO PROFILE AVAILABLE FOR THIS MONTH) *****
***** MONTH 4 (NO PROFILE AVAILABLE FOR THIS MONTH) *****
***** MONTH 5 (30 POINTS IN THE PROFILE) *****
0/28.8 47/28.9 74/27.9 83/27.3 84/26.8 95/26.5 102/25.8 124/21.2 129/19.8 145/16.3
152/15.1 165/14.0 181/13.2 205/12.7 209/12.4 244/12.3 255/11.9 269/11.9 276/11.7 303/11.7
310/11.5 331/11.5 347/11.4 402/10.7 407/10.4 422/10.2 442/10.2 447/10.0 458/10.0 461/ 9.9
***** MONTH 6 (NO PROFILE AVAILABLE FOR THIS MONTH) *****
***** MONTH 7 (NO PROFILE AVAILABLE FOR THIS MONTH) *****
***** MONTH 8 (30 POINTS IN THE PROFILE) *****
0/28.2 61/28.1 75/25.3 88/23.9 99/22.1 104/21.9 110/19.9 124/19.6 129/19.0 134/18.7
142/17.0 152/15.8 156/15.6 160/15.0 164/14.6 170/13.9 190/13.7 196/13.2 206/12.7 214/12.7
218/12.5 227/11.4 246/10.8 260/10.9 265/11.1 276/11.1 280/11.4 296/11.5 383/10.5 452/ 9.8
***** MONTH 9 (NO PROFILE AVAILABLE FOR THIS MONTH) *****
***** MONTH 10 (30 POINTS IN THE PROFILE) *****
0/28.2 79/28.2 95/28.0 99/27.8 117/27.7 122/26.9 124/25.0 132/23.6 135/22.1 140/21.0
144/20.8 150/19.8 153/18.2 154/17.9 169/17.0 171/15.7 177/15.4 180/14.6 197/13.5 220/13.1
230/12.7 264/12.3 291/11.7 325/11.5 434/10.2 506/ 9.6 546/ 9.6 676/ 8.5 696/ 8.5 762/ 8.0
***** MONTH 11 (28 POINTS IN THE PROFILE) *****
0/28.2 55/23.2 72/27.9 73/27.7 84/27.3 95/26.5 100/26.4 104/24.8 109/24.5 114/23.4
122/22.8 123/21.0 126/20.6 174/17.4 136/17.1 147/16.6 156/14.9 165/14.3 167/14.0 177/13.3
312/11.0 315/10.8 325/10.6 344/10.5 369/10.0 403/ 9.9 561/ 8.7 708/ 7.9
***** MONTH 12 (NO PROFILE AVAILABLE FOR THIS MONTH) *****

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REGION - C20
WATERMASS - EAST INDIAN WARM

222

TXRT PROFILES (DEPTH/TEMPERATURE PAIRS)

REGION - D 1
WATERMASS - SOUTH WHARTON

	MONTH 1	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 2	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 3	(22 POINTS IN THE PROFILE)	MONTH 4	(26 POINTS IN THE PROFILE)	MONTH 5	(28 POINTS IN THE PROFILE)	MONTH 6	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 7	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 8	(30 POINTS IN THE PROFILE)	MONTH 9	(30 POINTS IN THE PROFILE)	MONTH 10	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 11	(20 POINTS IN THE PROFILE)	MONTH 12	(NO PROFILE AVAILABLE FOR THIS MONTH)
0/27.6	4/27.4	37/27.2	47/27.0	53/25.5	62/24.7	66/24.1	105/22.4	134/20.8	142/20.5	159/19.3	170/19.1	187/18.2	235/16.8	291/14.1	317/13.1	335/13.0	358/12.0	387/11.1	422/10.5	446/ 9.9	456/ 9.8			
0/27.6	1/27.5	40/27.3	41/27.2	42/26.1	47/25.2	48/24.5	53/24.6	65/23.8	69/23.3	75/22.8	100/21.9	125/20.8	152/19.8	193/18.3	219/17.8	250/17.1	256/16.6	275/15.6	283/15.3	310/14.2	346/13.1	370/12.3	383/11.6	437/10.3
0/26.3	58/26.2	61/25.2	62/24.4	64/23.8	75/23.4	80/22.8	98/22.4	99/22.1	105/21.8	108/21.4	109/21.1	115/20.9	136/20.7	142/20.1	152/19.4	178/18.7	189/18.1	199/18.1	237/16.8	259/16.4	285/15.2	288/14.9	299/14.6	304/14.0
0/25.2	27/25.2	46/25.0	54/24.0	89/23.8	102/23.1	105/22.7	109/22.6	112/22.2	119/21.7	125/21.7	144/20.5	160/20.4	166/20.1	171/19.3	177/19.0	186/19.2	197/18.6	213/17.4	221/17.3	226/17.0	247/16.6	268/15.9	271/15.6	307/14.4
0/25.2	42/25.1	78/24.0	84/23.2	85/22.6	89/22.9	91/22.6	95/22.7	101/22.5	108/21.5	124/21.1	131/20.3	134/20.4	140/19.8	141/19.4	144/19.0	149/18.8	150/18.5	159/18.6	163/18.1	168/18.1	191/16.6	193/15.9	198/15.9	225/15.7
0/24.7	37/24.8	48/24.4	61/24.3	80/23.3	97/22.7	110/21.7	128/21.4	157/20.1	182/19.7	194/18.9	211/18.3	218/17.8	236/17.3	251/16.7	278/16.0	354/12.2	385/11.4	456/ 9.9	457/ 9.6					

TXRT PROFILES (DEPTH/TEMPERATURE PAIRS)

REGION - 02
WATERMASS - AUSSIE WARM

	MONTH 1	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 2	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 3	(30 POINTS IN THE PROFILE)	MONTH 4	(27 POINTS IN THE PROFILE)	MONTH 5	(24 POINTS IN THE PROFILE)	MONTH 6	(29 POINTS IN THE PROFILE)	MONTH 7	(29 POINTS IN THE PROFILE)	MONTH 8	(30 POINTS IN THE PROFILE)	MONTH 9	(30 POINTS IN THE PROFILE)	MONTH 10	(29 POINTS IN THE PROFILE)	MONTH 11	(29 POINTS IN THE PROFILE)	MONTH 12	(NO PROFILE AVAILABLE FOR THIS MONTH)
0/28.1	51/27.9	58/26.6	63/26.2	69/25.5	80/24.8	89/24.6	95/23.8	105/23.5	125/22.7															
154/20.7	165/20.3	174/19.5	193/18.5	207/18.2	214/17.3	220/17.1	237/16.7	246/16.6	261/15.7															
274/15.3	281/14.7	317/13.5	335/12.6	345/12.2	359/11.9	382/10.9	412/ 9.9	428/ 9.8	457/ 8.9															
0/29.6	45/29.5	53/27.7	78/25.9	97/23.3	111/22.6	130/21.3	148/20.6	171/19.1	196/19.0															
202/18.5	220/17.9	226/17.3	245/16.7	251/16.4	261/15.5	270/15.2	278/14.4	284/14.2	296/14.1															
307/13.5	332/13.0	339/12.6	367/11.9	384/10.9	447/ 9.6	457/ 9.2																		
0/26.3	49/26.3	53/26.2	67/25.0	84/22.2	115/20.4	127/20.0	139/19.4	146/18.5	149/18.3															
166/18.2	173/18.0	183/17.6	193/16.9	203/16.4	209/16.4	222/16.1	238/15.2	259/14.7	281/13.7															
304/12.9	315/12.4	332/12.0	350/11.3	365/10.9	470/ 9.6																			
0/26.4	46/26.3	50/25.9	73/25.3	79/24.2	83/24.0	92/23.0	122/21.8	130/21.1	140/20.5															
161/19.6	170/19.4	176/19.0	214/18.1	218/17.8	230/17.6	245/16.9	255/16.7	260/16.1	286/14.8															
296/14.6	308/13.8	319/13.7	334/13.1	342/12.5	361/11.8	370/11.7	455/ 9.6	495/ 9.2																
0/25.2	3/25.2	5/24.9	11/24.7	41/24.7	58/24.3	70/23.9	85/23.3	96/23.0	116/21.8															
118/21.5	133/21.0	136/20.5	146/20.3	150/20.0	156/19.9	160/19.6	162/19.0	168/18.8	182/17.6															
191/17.5	198/17.1	201/16.5	210/16.2	269/13.0	271/12.7	280/11.9	474/ 8.0	563/ 7.0	735/ 5.9															
0/25.0	33/25.0	42/24.3	67/23.0	73/23.5	100/23.0	122/22.6	127/22.1	130/21.4	140/21.3															
163/20.2	164/19.9	168/19.9	174/19.4	180/19.3	222/17.2	227/17.2	255/15.6	263/15.4	265/15.1															
272/14.8	284/14.7	293/13.8	402/10.3	443/ 9.3	503/ 8.8	511/ 8.4	542/ 8.1	550/ 7.8	762/ 6.0															
0/26.7	18/26.7	44/25.6	62/25.4	73/25.5	102/24.6	105/24.2	111/24.1	123/22.9	132/22.8															
138/22.3	141/21.6	154/20.4	181/19.5	202/18.1	266/14.4	279/13.9	283/13.3	288/13.2	292/12.8															
308/12.1	332/12.0	339/11.7	364/11.4	371/10.9	395/10.5	442/ 9.9	468/ 9.4	489/ 8.7																
0/26.7	36/26.6	46/25.3	69/24.3	97/23.9	111/23.4	123/22.6	126/22.6	139/21.8	151/21.1															
154/20.6	165/20.0	168/19.5	177/19.0	187/18.1	203/17.6	225/16.8	229/16.2	233/16.0	236/15.2															
268/14.7	272/14.1	282/13.8	298/13.9	307/13.7	309/13.5	318/12.9	425/10.1	477/ 9.5																

TXST PROFILES (DEPTH/TEMPERATURE PAIRS)

REGION - D ?
WATERMASS - TIMOR

	MONTH 1	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 2	(29 POINTS IN THE PROFILE)	MONTH 3	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 4	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 5	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 6	(24 POINTS IN THE PROFILE)	MONTH 7	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 8	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 9	(30 POINTS IN THE PROFILE)	MONTH 10	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 11	(20 POINTS IN THE PROFILE)	MONTH 12	(25 POINTS IN THE PROFILE)	MONTH 13	(25 POINTS IN THE PROFILE)			
0/29.2	30/29.1	40/28.7	43/27.9	47/27.3	53/27.2	54/26.8	71/26.3	82/24.5	89/23.5	99/23.5	101/22.3	136/21.5	146/19.6	165/19.1	169/18.4	186/16.7	189/15.2	201/15.0	202/14.7	215/14.1	231/13.8	241/13.0	245/12.5	255/12.2	275/11.2	296/10.8	363/ 9.0	421/ 8.3	463/ 8.0
149/19.2	154/18.7	158/17.9	171/16.7	195/15.3	204/14.6	216/13.4	245/11.7	295/11.3	322/10.5	338/10.2	374/10.0	381/ 9.7	457/ 9.2	56/27.6	58/27.6	78/25.9	92/24.7	110/22.6	123/21.4	136/20.4	137/20.2	140/19.5	149/19.2	154/18.7	158/17.9	171/16.7	195/15.3	204/14.6	216/13.4
0/26.3	1/26.4	55/26.0	103/22.0	104/21.1	115/20.3	118/19.6	142/16.8	158/16.7	159/16.3	172/16.2	178/15.5	186/15.3	199/14.5	197/14.4	207/14.1	216/13.5	219/13.1	230/12.6	231/12.2	246/12.1	247/11.8	260/11.5	261/11.3	357/10.5	376/ 9.3	392/ 9.7	393/ 9.5	464/ 8.4	464/ 8.4
0/28.6	32/28.5	44/28.3	46/27.9	51/26.6	70/25.3	73/24.9	90/24.4	102/23.7	104/23.0	114/21.7	116/21.3	133/20.9	136/20.1	154/18.7	165/17.3	168/16.5	175/15.6	176/15.6	188/14.6	204/13.8	225/13.0	239/12.6	252/12.4	259/12.0	303/11.4	327/10.1	396/ 9.7	434/ 8.8	434/ 8.8
0/29.4	27/29.4	29/29.0	35/28.8	39/27.9	58/27.0	63/26.3	69/26.0	73/25.1	90/23.7	92/23.0	109/21.2	133/20.3	140/19.8	187/17.7	200/16.8	227/15.3	239/14.5	239/14.5	265/13.2	270/12.6	271/12.0	545/ 7.0	516/ 6.5	651/ 5.7	817/17.7	90/23.7	90/23.7	265/13.2	265/13.2

REGION - D 4
WATERMASS - WHARTON COLD

226

TXBT PROFILES (DEPTH/TEMPERATURE PAIRS)

REGION - D 4
WATERMASS - WHARTON WARM

	MONTH 1	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 2	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 3	(29 POINTS IN THE PROFILE)	MONTH 4	(29 POINTS IN THE PROFILE)	MONTH 5	(29 POINTS IN THE PROFILE)	MONTH 6	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 7	(28 POINTS IN THE PROFILE)	MONTH 8	(23 POINTS IN THE PROFILE)	MONTH 9	(30 POINTS IN THE PROFILE)	MONTH 10	(29 POINTS IN THE PROFILE)	MONTH 11	(19 POINTS IN THE PROFILE)	MONTH 12	(30 POINTS IN THE PROFILE)
0/28.3	53/28.3	64/26.3	82/25.0	97/23.6	111/23.1	140/21.0	150/20.2	159/19.3	169/19.1															
182/18.1	192/17.2	213/16.5	221/16.3	232/15.7	244/15.8	249/16.1	261/15.5	265/15.4	269/15.0															
272/15.0	280/14.5	287/14.6	307/13.6	319/13.3	340/12.1	379/10.8	439/ 9.7	457/ 9.3																
0/28.1	5/28.0	22/28.2	77/27.8	84/27.4	86/26.9	92/26.4	99/25.4	101/24.9	110/23.9															
118/23.3	123/22.7	125/22.3	136/21.7	141/21.0	149/20.6	161/19.6	164/19.2	185/18.5	190/17.6															
199/16.9	210/16.5	214/16.1	219/15.9	225/15.2	261/13.3	277/12.3	416/ 9.8	464/ 9.1																
0/28.4	47/28.6	59/28.1	66/27.6	68/27.1	79/26.7	85/25.9	86/25.3	94/24.8	118/23.6															
122/23.3	127/23.1	139/21.0	141/20.4	155/18.5	162/18.0	174/17.6	177/17.0	209/15.7	218/15.0															
228/14.6	231/14.3	259/13.2	266/12.8	291/12.0	306/11.7	324/11.1	388/10.4	466/ 9.3																
0/27.3	70/27.2	79/26.0	91/24.9	103/24.3	107/23.0	116/22.5	119/21.8	123/21.6	131/20.6															
142/20.1	155/18.9	168/18.1	172/17.5	190/16.4	202/15.9	206/15.5	224/15.4	230/14.6	240/14.8															
243/14.5	246/14.5	249/14.0	294/12.9	319/12.1	354/11.0	406/ 9.9	490/ 9.1																	
0/25.9	91/25.9	117/24.8	133/23.5	139/23.2	143/22.8	149/22.7	161/21.4	182/18.7	184/18.3															
191/18.0	196/17.2	211/16.5	222/16.2	242/14.8	255/13.7	284/12.3	317/11.6	327/11.2	369/10.4															
395/10.3	425/ 9.9	457/ 9.7																						
0/26.1	113/25.1	115/24.6	123/24.2	133/23.4	138/22.7	144/22.4	151/21.5	156/21.4	165/20.6															
167/19.9	172/19.7	179/19.1	182/18.6	191/18.1	223/14.7	229/13.7	247/13.0	264/12.9	272/12.4															
279/12.3	281/12.0	304/11.6	307/11.2	339/10.9	347/10.6	503/ 8.7	561/ 8.0	592/ 7.5	762/ 6.6															
0/26.5	96/26.4	100/26.1	103/25.5	112/25.0	113/24.5	124/23.4	125/23.1	130/22.9	133/22.1															
137/21.9	138/21.6	148/21.0	149/20.5	154/20.3	167/19.2	194/16.6	195/16.2	214/14.8	241/13.6															
258/13.1	269/13.1	272/12.8	279/12.8	327/11.1	385/10.0	392/10.1	577/ 8.0	762/ 6.7																
0/28.0	7/27.9	84/27.5	97/27.3	112/24.8	120/23.6	129/22.1	136/20.6	161/18.6	168/17.6															
213/15.3	223/14.4	242/13.6	252/13.3	265/12.5	320/11.0	370/10.0	450/ 9.1	457/ 8.9																
0/27.0	6/27.0	10/26.7	84/26.0	87/25.2	92/24.9	94/24.5	98/24.4	109/23.4	116/23.1															
147/20.9	154/20.0	186/19.3	187/19.0	193/17.8	194/17.2	201/16.7	202/16.4	221/15.5	222/15.0															
230/14.7	232/14.3	238/14.1	240/13.5	259/12.9	261/12.6	269/12.4	402/ 9.2	420/ 8.4	695/ 6.0															

REGION - 0 5
WATERMASS - AUSSIE COLD

228

TXBT PROFILES (DEPTH/TEMPERATURE PAIRS)

REGION - 05
WATERMASS - AUSSIF WARM

	MONTH 1 (30 POINTS IN THE PROFILE)										
0/28.9	79/28.6	51/26.6	69/25.8	77/25.2	91/24.6	96/24.1	99/23.6	109/23.3	118/22.3		
119/21.9	126/22.7	132/21.7	165/19.7	166/19.4	170/19.3	188/18.4	193/18.2	213/16.6	224/15.8		
231/15.7	234/15.3	242/15.0	260/14.0	286/13.4	330/11.0	338/11.4	355/11.0	400/ 9.5	440/ 8.9		
	MONTH 2 (29 POINTS IN THE PROFILE)										
0/29.2	8/29.3	34/29.6	43/29.0	50/27.4	56/26.7	59/26.1	62/26.0	69/25.1	87/21.6		
104/19.8	110/19.4	124/18.9	128/18.6	143/18.4	159/17.1	167/16.9	170/16.6	191/15.9	198/15.4		
204/15.2	214/14.0	222/13.5	231/12.6	263/11.8	344/ 9.3	403/ 8.9	427/ 8.8	488/ 8.1			
	MONTH 3 (22 POINTS IN THE PROFILE)										
0/28.8	54/28.7	70/26.1	80/24.9	94/24.1	111/23.8	131/22.2	139/20.3	147/19.6	165/17.7		
176/17.3	186/16.5	208/15.7	228/13.7	260/12.3	274/11.4	307/10.4	323/10.0	342/ 9.8	362/ 9.4		
412/ 9.3	457/ 8.3										
	MONTH 4 (18 POINTS IN THE PROFILE)										
0/28.0	51/27.8	71/25.8	78/24.9	89/24.1	103/21.7	123/19.8	133/19.1	139/19.0	148/18.1		
183/16.4	210/15.3	275/13.3	310/12.1	352/11.0	407/10.1	438/ 9.4	457/ 8.9				
	MONTH 5 (29 POINTS IN THE PROFILE)										
0/28.3	74/28.3	77/27.9	79/26.0	81/25.5	87/24.9	93/24.6	96/23.9	103/23.2	114/22.7		
134/20.8	151/20.1	160/18.1	166/17.6	189/17.1	190/16.6	194/16.5	201/15.7	225/14.6	233/14.6		
250/13.9	253/13.4	271/12.7	279/12.6	287/12.0	347/ 9.9	462/ 8.3	753/ 6.4	756/ 6.2			
	MONTH 6 (NO PROFILE AVAILABLE FOR THIS MONTH)										
	MONTH 7 (NO PROFILE AVAILABLE FOR THIS MONTH)										
	MONTH 8 (26 POINTS IN THE PROFILE)										
0/28.4	57/28.4	62/26.9	64/26.8	67/25.2	71/23.9	75/23.1	83/22.5	89/22.1	92/21.9		
99/21.1	106/20.8	120/19.6	126/19.2	135/18.9	146/18.1	152/17.8	156/17.4	166/17.1	181/16.3		
211/15.0	216/14.6	241/13.9	250/13.4	287/12.4	359/11.0	375/10.9	446/ 9.4	490/ 9.0			
	MONTH 9 (29 POINTS IN THE PROFILE)										
0/28.7	19/28.1	29/27.3	52/26.9	56/26.6	75/26.2	76/25.9	97/25.0	112/24.6	114/24.1		
119/23.7	127/22.7	129/22.3	135/21.8	143/21.6	146/21.1	150/20.9	155/20.2	156/19.6	160/18.7		
174/17.7	177/17.2	178/16.6	187/15.7	198/15.5	212/14.5	213/14.1	435/ 8.6	454/ 8.5			
	MONTH 10 (24 POINTS IN THE PROFILE)										
0/28.5	17/28.4	51/27.2	70/26.9	90/24.8	103/23.9	116/23.5	134/22.3	146/21.7	157/20.0		
190/16.7	205/15.9	213/15.0	224/14.2	242/13.8	257/13.1	275/11.3	314/11.1	329/10.6	358/10.2		
365/ 9.9	389/ 9.9	416/ 9.3	457/ 9.1								
	MONTH 11 (30 POINTS IN THE PROFILE)										
0/28.4	34/28.5	42/28.4	43/28.2	44/27.6	50/26.7	61/26.1	78/24.5	112/24.1	123/23.4		
131/22.4	136/22.1	137/21.8	138/20.4	151/20.1	153/19.7	160/19.3	162/17.7	194/16.4	200/16.0		
208/15.7	209/15.2	226/14.3	233/14.1	239/13.5	243/13.5	244/13.3	254/13.1	382/ 9.6	450/ 8.7		
	MONTH 12 (30 POINTS IN THE PROFILE)										
0/27.8	19/27.8	31/27.5	59/27.3	67/26.8	83/25.7	84/25.2	101/23.9	106/23.2	144/21.3		
149/20.3	153/20.2	157/19.6	161/19.5	165/19.8	171/18.3	175/17.6	237/13.9	283/11.9	315/11.4		
319/11.0	334/10.7	396/ 9.4	400/ 9.6	404/10.2	413/10.2	418/ 9.9	491/ 8.4	493/ 8.1	762/ 6.1		

REGION - D 6
WATERWASS - EAST INDIAN COLD

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REGION - D 6
WATERMASS - EAST INDIAN WARM

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TXBT PROFILES (DEPTH/TEMPERATURE PAIRS)

REGION - D 7
WATERMASS - SUNDA

	MONTH 1	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 2	(30 POINTS IN THE PROFILE)	MONTH 3	(26 POINTS IN THE PROFILE)	MONTH 4	(30 POINTS IN THE PROFILE)	MONTH 5	(27 POINTS IN THE PROFILE)	MONTH 6	(30 POINTS IN THE PROFILE)	MONTH 7	(25 POINTS IN THE PROFILE)	MONTH 8	(26 POINTS IN THE PROFILE)	MONTH 9	(29 POINTS IN THE PROFILE)	MONTH 10	(NO PROFILE AVAILABLE FOR THIS MONTH)	MONTH 11	(20 POINTS IN THE PROFILE)	MONTH 12	(NO PROFILE AVAILABLE FOR THIS MONTH)
0/29.0	35/29.0	44/28.5	57/28.4	61/28.2	67/28.2	77/27.7	86/26.7	91/25.3	96/24.6															
102/24.5	114/22.3	130/18.1	137/16.9	150/15.3	154/15.2	161/14.1	175/12.7	209/11.3	216/11.3															
218/10.9	231/10.9	242/10.5	270/10.5	277/10.1	315/ 9.9	321/ 9.7	376/ 9.3	466/ 8.6	497/ 8.4															
0/28.2	20/28.2	53/27.9	73/27.4	81/25.0	88/24.6	97/23.4	111/20.9	118/19.3	129/17.4															
143/16.7	150/16.4	160/15.7	170/15.5	188/13.9	203/13.2	209/13.0	215/12.3	230/11.8	240/11.6															
253/11.2	277/11.2	348/11.0	388/10.4	437/10.0	457/ 9.7																			
0/28.8	51/28.6	54/28.3	59/28.4	64/28.2	67/27.8	74/26.6	75/26.0	80/25.8	82/25.3															
95/23.5	101/23.0	103/22.4	110/21.5	114/20.3	120/19.5	121/18.9	124/18.3	125/17.9	133/17.5															
136/16.8	146/15.8	147/15.4	176/13.6	207/12.8	224/12.1	280/11.2	334/11.0	382/10.6	461/ 9.7															
0/28.6	23/28.9	37/28.9	45/29.1	54/29.2	65/28.9	73/27.7	84/25.3	88/25.0	99/22.3															
115/19.9	118/18.9	127/17.5	137/16.8	141/16.7	165/14.7	177/14.4	184/14.1	192/13.2	196/12.9															
203/12.7	211/12.3	227/11.8	297/11.0	324/10.9	420/ 9.8	504/ 9.0																		
0/28.2	49/28.2	53/28.0	56/27.3	64/26.7	69/25.7	70/24.9	78/24.3	80/23.8	88/23.2															
91/22.4	98/21.9	99/21.6	110/20.8	112/20.1	117/19.9	129/18.6	131/18.0	135/17.8	152/16.4															
153/15.8	163/15.6	172/14.8	183/13.5	187/13.5	193/13.0	529/ 8.9	552/ 8.5	715/ 7.7	762/ 7.1															
0/28.3	44/28.3	60/28.0	65/27.6	71/26.0	80/25.0	87/24.1	97/22.0	122/17.9	139/16.3															
145/16.0	168/14.6	174/13.9	183/13.2	188/13.0	203/12.2	214/12.1	222/11.8	240/11.7	256/11.2															
269/11.1	276/10.8	308/10.3	353/10.1	478/ 9.1																				
0/26.1	26/26.1	56/25.8	86/22.2	102/21.8	106/20.6	113/19.9	117/19.2	127/19.0	137/17.4															
170/14.8	180/14.5	189/14.1	201/13.9	212/13.0	244/11.5	307/10.5	333/10.4	348/10.0	369/ 9.9															
383/10.1	403/ 9.9	413/ 9.5	429/ 9.4	440/ 8.8	457/ 8.5																			
0/26.1	76/26.1	79/24.7	83/24.5	95/23.0	97/22.4	101/22.2	106/20.9	109/19.8	112/19.4															
131/18.3	143/17.0	161/15.9	175/14.9	187/13.5	193/13.1	198/13.0	220/11.9	229/11.7	249/11.5															
291/10.9	436/ 9.5	500/ 8.6	503/ 8.4	531/ 8.4	553/ 8.1	572/ 8.1	676/ 7.1	762/ 6.5																
0/28.1	14/28.2	58/28.1	84/27.2	95/25.9	103/24.6	110/23.3	118/21.3	127/20.2	133/19.1															
148/17.5	178/15.5	206/13.4	220/12.6	240/12.1	255/11.9	302/11.0	358/10.1	394/10.1	457/ 9.1															

TXBT PROFILES (DEPTH/TEMPERATURE PAIRS)

REGION - D R
WATERMASS - SOUTH JAVA

***** MONTH 1 (22 POINTS IN THE PROFILE) *****											
0/28.2	22/28.1	76/26.3	94/23.5	94/22.1	98/21.2	118/19.9	129/18.2	137/17.3	146/16.1		
157/15.5	165/14.6	176/13.7	208/12.7	216/12.3	272/10.7	281/10.3	325/ 9.7	334/ 9.3	344/ 9.2		
399/ 8.2	441/ 7.6										
***** MONTH 2 (NO PROFILE AVAILABLE FOR THIS MONTH) *****											
***** MONTH 3 (22 POINTS IN THE PROFILE) *****											
0/28.6	10/28.7	24/28.4	45/28.4	51/27.1	76/25.9	101/22.1	106/21.8	116/20.6	138/19.1		
144/17.7	178/15.9	195/15.5	205/14.5	216/13.7	236/13.3	259/12.2	288/11.4	321/ 9.9	349/ 9.3		
433/ 8.2	457/ 8.0										
***** MONTH 4 (NO PROFILE AVAILABLE FOR THIS MONTH) *****											
***** MONTH 5 (27 POINTS IN THE PROFILE) *****											
0/29.8	30/29.4	36/28.6	40/28.3	46/26.5	50/25.9	82/24.8	88/22.7	90/22.3	105/20.8		
111/20.5	120/17.8	125/17.0	142/16.9	155/16.3	170/14.6	186/14.1	211/12.9	218/12.8	254/11.4		
276/11.1	321/10.2	331/ 9.7	385/ 8.9	398/ 8.6	464/ 7.9	487/ 7.8					
***** MONTH 6 (29 POINTS IN THE PROFILE) *****											
0/28.0	22/28.2	34/27.6	41/26.3	57/25.7	75/25.5	106/23.9	112/22.6	119/22.3	123/21.7		
147/20.3	155/19.9	165/18.1	173/17.5	183/16.3	198/15.6	210/14.0	226/13.0	238/12.1	263/11.3		
268/10.9	281/10.8	307/10.0	326/ 9.6	349/ 9.3	361/ 8.9	374/ 8.7	392/ 8.2	457/ 8.0			
***** MONTH 7 (NO PROFILE AVAILABLE FOR THIS MONTH) *****											
***** MONTH 8 (NO PROFILE AVAILABLE FOR THIS MONTH) *****											
***** MONTH 9 (28 POINTS IN THE PROFILE) *****											
0/27.1	58/27.0	82/25.8	94/24.8	95/22.2	103/22.0	105/21.6	106/21.0	115/19.8	116/19.4		
125/18.3	145/17.2	146/16.6	159/15.4	183/14.5	184/14.0	189/13.8	190/13.4	203/13.2	207/12.6		
245/11.6	246/11.2	254/10.8	277/10.4	287/10.6	291/10.3	430/ 8.3	464/ 8.0				
***** MONTH 10 (NO PROFILE AVAILABLE FOR THIS MONTH) *****											
***** MONTH 11 (28 POINTS IN THE PROFILE) *****											
0/29.0	18/28.7	23/28.4	60/27.3	72/26.6	73/26.2	81/24.5	82/23.6	89/23.0	91/22.4		
106/22.0	110/20.7	111/19.6	112/19.1	115/18.6	124/16.8	126/16.3	136/15.9	137/15.6	149/14.8		
150/14.5	179/13.9	190/13.2	191/13.0	265/10.6	337/ 8.9	459/ 7.9	471/ 7.9				
***** MONTH 12 (29 POINTS IN THE PROFILE) *****											
0/28.6	12/28.5	16/28.1	30/27.8	45/26.4	68/26.1	85/25.5	91/25.0	103/23.3	123/21.5		
135/19.8	156/18.8	165/18.1	195/16.7	207/16.5	213/15.3	220/15.2	227/14.7	235/14.6	270/12.8		
280/12.0	303/11.1	315/10.8	324/10.8	345/10.4	372/10.2	411/ 9.3	452/ 8.8	468/ 8.5			

REGION - D 9
WATERMASS - MAKASSAR/FLORES

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REGION - D10
WATERMASS - BANDA COLD

235

REGION - D10
LAYERMASS - BANDA WARM

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TXRT PROFILES (DEPTH/TEMPERATURE PAIRS)

REGION - D11
WATERMASS - EAST INDIAN COLD

	(30 POINTS IN THE PROFILE)											
	MONTH 1											
0/28.4	38/28.5	65/27.8	82/27.7	92/27.3	98/27.2	105/26.3	120/20.0	126/18.7	129/17.4			
136/15.7	144/15.4	167/14.8	150/14.5	160/14.1	164/13.8	169/13.6	178/13.6	186/13.2	203/12.8			
226/12.6	229/12.4	235/12.4	263/11.6	350/11.0	376/10.9	413/10.5	422/10.2	438/10.1	490/ 9.6			
(NO PROFILE AVAILABLE FOR THIS MONTH)												
MONTH 2												
(NO PROFILE AVAILABLE FOR THIS MONTH)												
MONTH 3												
(NO PROFILE AVAILABLE FOR THIS MONTH)												
MONTH 4												
(NO PROFILE AVAILABLE FOR THIS MONTH)												
MONTH 5												
(30 POINTS IN THE PROFILE)												
0/28.8	47/28.9	74/27.9	83/27.3	84/26.8	95/26.5	102/25.3	124/21.2	128/19.8	145/16.3			
152/15.1	165/14.0	181/13.2	205/12.7	209/12.4	244/12.3	255/11.9	269/11.9	276/11.7	303/11.7			
310/11.5	331/11.5	367/11.4	402/10.7	407/10.4	422/10.2	442/10.2	447/10.0	458/10.0	461/ 9.0			
(NO PROFILE AVAILABLE FOR THIS MONTH)												
MONTH 6												
(NO PROFILE AVAILABLE FOR THIS MONTH)												
MONTH 7												
(NO PROFILE AVAILABLE FOR THIS MONTH)												
MONTH 8												
(30 POINTS IN THE PROFILE)												
0/28.2	61/28.1	75/25.3	88/23.9	99/22.1	104/21.9	119/19.9	124/19.6	129/19.0	134/18.7			
142/17.0	152/15.8	156/15.6	160/15.0	166/14.6	170/13.8	190/13.7	196/13.2	206/12.7	214/12.7			
218/12.5	227/11.4	246/10.8	260/10.0	265/11.1	276/11.1	280/11.4	286/11.5	383/10.5	452/ 9.8			
(NO PROFILE AVAILABLE FOR THIS MONTH)												
MONTH 9												
(NO PROFILE AVAILABLE FOR THIS MONTH)												
MONTH 10												
(30 POINTS IN THE PROFILE)												
0/28.2	79/28.2	95/28.0	99/27.8	117/27.7	122/26.8	124/25.0	132/23.6	135/22.1	140/21.0			
144/20.8	150/19.8	153/18.2	154/17.9	168/17.0	171/15.7	177/15.4	180/14.6	197/13.5	220/13.1			
230/12.7	264/12.3	291/11.7	325/11.5	434/10.2	506/ 9.6	546/ 9.6	676/ 8.5	696/ 8.5	762/ 8.0			
(NO PROFILE AVAILABLE FOR THIS MONTH)												
MONTH 11												
(28 POINTS IN THE PROFILE)												
0/28.2	55/28.2	72/27.9	73/27.7	84/27.3	95/26.5	100/26.4	104/24.8	109/24.5	114/23.4			
122/22.8	123/21.0	126/20.6	134/17.4	136/17.1	147/16.6	156/14.9	165/14.3	167/14.0	177/13.3			
312/11.0	315/10.8	325/10.6	344/10.5	369/10.0	403/ 9.9	561/ 8.7	708/ 7.9					
(NO PROFILE AVAILABLE FOR THIS MONTH)												
MONTH 12												

REGION - D11
WATERMASS - EAST INDIAN WARM

238

REGION - 012
WATERMASS - MOLUCCA

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Acknowledgement

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